JFY 2012
(APR 2012 – MAR 2013)

OUTLINE OF JICA TRAINING AND DIALOGUE PROGRAMS

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

Program List
プログラムリスト

1.Education　教育		
Tertiary Education 高等教育		
1280077	Study on Education Improvement of Training Course of Teacher/JICA Tohoku	1
Technical and Vocational Education and Training 職業訓練・産業技術教育		
1280345	Training Management in Vocational Training Institutions (for the Management and the Instructors)/JICA Yokohama	2
1280346	Administration for Occupational Skills Development/JICA Yokohama	3
1280886	Practical Technology for Mechatronics and Robots/JICA Kyushu	4
1280891	Industrial Technology Education/JICA Chubu	5
1284225	Vocational Training for its Application to Business for Central and South America/JICA Kyushu	6
1284347	Practical Human Resource Development in Electrical and Electronic Engineering for Africa/JICA Kyushu	7
Early Childhood Development 乳幼児ケアと就学前教育		
1284053	Early Childhood Education in Central and West Africa/JICA Tokyo(Human Dev.)	8
1284061	Expansion of Pre-Primary (Baby and Infant) Education for Middle East Countries/JICA Yokohama	9
Primary Education 初等教育		
1280041	Improving Teaching Methods for Science and Mathematics in Primary Education/JICA Hokkaido (Sapporo)	10
1280078	Improving Teaching Methods in Mathematics in Primary Education/JICA Tsukuba (Training&Partnership)	11
1284009	South Asia Quality Improvement of Primary Science Education ("Teaching and Learning" at on-site Education)/JICA Hokkaido (Obihiro)	12
1284020	Development of Teaching Skills of Teachers in Mathematics for Latin American Countries/JICA Tsukuba (Training&Partnership)	13
1284037	Diffusion of Self-sustaining Training on Mathematics Education in Primary and Secondary School in Pacific Island States/JICA Shikoku	14
1284083	Improvement of Lesson Evaluation in Science for English-speaking Sub-Sahara African Countries/JICA Kansai (Ⅱ)	15
1284090	Improvement of Quality of Education through Lesson Study in Asia/JICA Chugoku	16
1284157	Improvement of Pedagogy for Science and Mathematics Education for Francophone Countries in Africa /JICA Shikoku	17
1284158	Seminar for Mathematics Lesson Evaluation/JICA Tokyo(Human Dev.)	18
1284259	Improvement of Teaching Methodology in Primary Science and Mathematics for Sub-Saharan Africa/JICA Chugoku	19
1284335	Teacher Education for Basic Education of African Countries/JICA Kansai (Ⅱ) /JICA Kyushu	20
Nonformal Education ノンフォーマル教育		
1280057	Literacy Education for Adults/JICA Kansai (Ⅱ)	21
Education Administration 教育行政		
1280022	Education Administration and Finance: Focused on Quality and Equity of Basic Education/JICA Kansai (Ⅱ)	22
1280054	Education Administration for Reducing Disparities in Basic Education/JICA Okinawa	23
1280130	Capacity Development for Policy Analysis Using Research Results and Field Knowledge for Education Quality Improvement/JICA Chugoku	24
1284190	Strengthening of Local Education for SMASE-WECSA in Sub-Saharan Africa/JICA Hokkaido (Sapporo)	25
1284231	School Management for Improving Quality of Teaching Learning Practice/JICA Tsukuba (Training&Partnership)	26
1284258	INSET Management in Africa (Anglophone Countries) /JICA Chugoku	27
Other Education Issues その他教育		
1280250	Education for Peace through Promoting Mutual Understanding/JICA Chugoku	28
1280898	Comprehensive Museology/JICA Kansai (Ⅱ)	29
1284060	Special Needs Education for Asian Region/JICA Yokohama	30
2.Health　保健医療		
Maternal and Child Health/Reproductive Health　母子保健・リプロダクティブヘルス		
1280019	Improvement of Maternal Health (focus on MDG 5)/JICA Tokyo(Human Dev.)	31
1280757	Maternal and Child Health/JICA Hokkaido (Sapporo)	32

1280868	Workshop on Improving Adolescent Sexual and Reproductive Health (ASRH)/JICA Tokyo(Human Dev.)	33
1280911	Promotion of the Collaboration between Child Welfare and Maternal and Child Health/JICA Tokyo(Human Dev.)	34
1284001	Workshop on Improvement of Maternal Health for Africa (focus on MDG5)/JICA Tokyo(Human Dev.)	35
1284013	Maternal and Child Health Promotion in Public Health for Central and South America/JICA Okinawa	36
1284051	Continuum of Care for Quality Improvement of Maternal, Newborn, and Child Health in Francophone Africa /JICA Tokyo(Human Dev.)	37
1284107	Area Focused Training Course in Nursing Management of Maternal and Child Health Nursing for African Countries/JICA Tokyo(Human Dev.)	38
1284192	Maternal and Child Health for French speaking African Countries/JICA Hokkaido (Sapporo)	39
1284227	Women's Health and Maternal and Child Health Support for Middle East Countries/JICA Kyushu	40
1284235	Maternal and Child Health Promotion in Public Health for Africa/JICA Okinawa	41
1284239	Midwifery Course for Safe Motherhood/JICA Kansai (II)	42
1284263	Perinatal, Neonatal and Child Health Care for African Countries/JICA Kansai (II)	43
Health System 保健医療システム		
1280010	Hospital Management/JICA Kyushu	44
1280101	Enhancement of Regional Health and Medical System -Focusing on Islands/Remote Healthcare in Japan-/JICA Kyushu	45
1280110	Human Resource Development for the Rural Community-Health/JICA Kyushu	46
1280139	Improvement of Health System in the Remote Areas/JICA Shikoku	47
1280741	Health Policy Development/JICA Tokyo(Human Dev.)	48
1280773	The Specialist in Healthcare Associated Infection Control and Prevention/JICA Tokyo(Human Dev.)	49
1280823	Enhancement of Community Health Systems for Infection Control/JICA Okinawa	50
1280873	Hospital Pharmacy - for Hospital Pharmacists -/JICA Tokyo(Human Dev.)	51
1280906	Health Planning Development by Health Futures Methodologies/JICA Yokohama	52
1280913	Good Governance of Medicines for Pharmaceutical Regulation Authorities/JICA Tokyo(Human Dev.)	53
1280914	Quality Management of Essential Medicines -Good Manufacturing Practice (GMP) and Inspection-/JICA Tokyo(Human Dev.)	54
1280925	Food Safety Policy Making and Management/JICA Tokyo(Human Dev.)	55
1280959	Hospital Administration and Health Services Management/JICA Tokyo(Human Dev.)	56
1280960	Health Systems Management/JICA Tokyo(Human Dev.)	57
1280985	Lifestyle-Related Diseases Prevention/JICA Chubu	58
1284024	Health Administration for Regional Health Officer for Africa/JICA Hokkaido (Sapporo)	59
1284044	Safety of Transfusion Medicine/JICA Kyushu	60
1284059	Disaster Nursing and Rehabilitation Course in Asia/JICA Tokyo(Human Dev.)	61
1284072	Improvement of Regional Health Care for JOCV's Counterpart Personnel in French-spoken African Countries/JICA Kansai (II)	62
1284080	Medical Equipment Maintenance Course in Africa/JICA Tohoku	63
1284093	Medical Equipment Maintenance Course for French-Speaking Countries in Sub-Sahara Africa/JICA Tohoku	64
1284099	Development of Health Experts in Island Regions of Asian and Pacific Countries, Using a Problem-based Solution Method/JICA Kyushu	65
1284118	Management of Medical Service in Disaster for Andean Countries/JICA Kansai (II)	66
1284228	Human Resource Development for Improvement of Community Health for Reconstruction/JICA Kyushu	67
1284260	Lifestyle-related Diseases (LSRD) Prevention in the Community Health Setting in the Pacific Region II/JICA Hokuriku	68
1284262	Evidence-based Public Health: Concepts, Approaches and Tools for Health Policy and Planning for Africa/JICA Okinawa	69
1284293	Quality Improvement of Health Services by 5S-KAIZEN-TQM/JICA Tokyo(Human Dev.)	70
1284296	Human Resource Management in Health Sector for French Speaking West and Central African Countries 2/JICA Tokyo(Human Dev.)	71
HIV/AIDS HIV/AIDS		
1280787	Laboratory Techniques for Diagnosis and Monitoring of HIV Infection/JICA Tokyo(Human Dev.)	72
1280820	Prevention and Control Measures of Aids for Next Decade/JICA Kyushu	73
Tuberculosis 結核		
1280964	Stop TB Action Training Course -To Strengthen Capacity in Operational Research to Implement Effective Interventions-/JICA Tokyo(Human Dev.)	74

1280966	Stop TB Hands on Laboratory Practice Management for HIV and MDR TB/JICA Tokyo(Human Dev.)	75
Immunization 予防接種		
1280367	Vaccine Quality Control Technology/JICA Kansai (Ⅱ)	76
1280739	Laboratory Diagnosis Techniques for the Control of Vaccine Preventable Diseases, including Poliomyelitis and Measles/JICA Tokyo(Human Dev.)	77
Other infectious diseases その他感染症		
1280033	Zoonosis Control/JICA Hokkaido (Sapporo)	78
1280819	Seminar on Viral Hepatitis - Epidemiology, Prevention and Treatment/JICA Kyushu	79
1280910	Countermeasure for Communicable Diseases/JICA Tokyo(Human Dev.)	80
1280961	Clinical Laboratory Technology (Clinical Microbiology)/JICA Tokyo(Human Dev.)	81
Other Health Issues その他保健医療		
1280005	Occupational Health and Preventive Medicine for Workers/JICA Kyushu	82
1280038	School Health/JICA Chubu	83
1280039	Reinforcement of Administrative Capacity for Food Sanitation/JICA Kyushu	84
1280240	Advanced Course Detection of Early Gastrointestinal Cancer and Related Digestive Tumors for Latin American and Asian Countries/JICA Tokyo(Human Dev.)	85
1280255	Nursing Management/JICA Tokyo(Human Dev.)	86
1280738	Cardiovascular Diseases/JICA Kansai (Ⅱ)	87
1280957	Latest Cancer Diagnosis and Treatment/JICA Tokyo(Human Dev.)	88
1280998	Medical Staff Training [Group A:Radiological Technologists,Group B:Physical or Occupational Therapists]/JICA Kansai (Ⅱ)	89
1284321	Health Promotion and Nutrition Improvement for Women Leaders in Africa/JICA Hokkaido (Obihiro)	90
1284448	Disaster Medicine/JICA Kansai (Ⅱ)	91
3.Water Resources/Disaster Management 水資源・防災		
Comprehensive Water Resources Management 総合的水資源管理		
1280074	Effective Use of Industrial Water and Reuse of Waste Water/JICA Tokyo(Industrial Dev.&Finance)	92
1280839	Integrated Water Resources Management/JICA Tokyo(Economy&Env.)	93
1284030	Water Resource Conservation Management in Islands Area /JICA Okinawa	94
1284233	Integrated Water Resources Management for Middle East/JICA Tokyo(Economy&Env.)	95
Urban Water Supply 都市給水		
1280229	Non-Revenue Water Management (Leakage control)/JICA Chubu	96
1280275	Operation and Maintenance of Urban Water Supply System+(Water Quality and Purification)/JICA Kansai (Ⅰ)	97
1280763	Waterworks Engineering/JICA Hokkaido (Sapporo)	98
1280870	Operation and Maintenance of Urban Water Supply System+(Water Distribution and Service)/JICA Kansai (Ⅰ)	99
1280915	Water Supply Administration for Better Management of Water Supply Services/JICA Tokyo(Economy&Env.)	100
1280944	Engineering on Water Supply Systems/JICA Tokyo(Economy&Env.)	101
1284143	Waterworks Engineering in Cold Climate Regions/JICA Hokkaido (Sapporo)	102
1284337	African Region Urban Waterworks Engineering /JICA Yokohama	103
Rural Water Supply 地方給水		
1284248	Community Empowerment through Safe Water Management for Arid Regions in French Speaking African Countries/JICA Hokkaido (Sapporo)	104
Wind and Flood Disaster(Flood Control) 風水害対策（治水）		
1280043	Training for Expert on Flood-related Disaster Mitigation/JICA Tsukuba (Training&Partnership)	105
1280264	Capacity Development for Flood Risk Management with IFAS/JICA Tsukuba (Training&Partnership)	106
1284356	Water Related Disaster Management(Preparedness, Mitigation and Reconstruction) in Asian Region/JICA Tsukuba (Training&Partnership)	107
Soil and Water Disaster 土砂災害対策		
1280876	Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide/JICA Tokyo(Economy&Env.)	108
Earthquake Disaster 地震災害対策		
1280035	Operating Management of Earthquake, Tsunami, and Volcano Eruption Observation System/JICA Chubu	109

1280875	Seismology, Earthquake Engineering and Disaster-recovery Management Policy/JICA Tsukuba (Training&Partnership)	110
1280892	Strategy for Disaster Risk Reduction against Mega-Earthquake Disaster/JICA Kansai (Ⅱ)	111
1284165	Tsunami Disaster Mitigation/JICA Tsukuba (Training&Partnership)	112
1280887	Global Seismological Observation/JICA Tsukuba (Training&Partnership)	113
Meteorology 気象		
1280780	Reinforcement of Meteorological Services/JICA Tokyo(Economy&Env.)	114
Comprehensive Disaster Management 総合防災		
1280068	Satellite Remote Sensing Data Analysis Technology for Disaster/Environmental Monitoring/JICA Tokyo(Economy&Env.)	115
1280119	Raising Awareness of Disaster Reduction/JICA Kansai (Ⅱ)	116
1280221	Disaster Mitigation and Restoration for Public Works (River, Road and Port)/JICA Kansai (Ⅱ)	117
1280342	Rescue Techniques/JICA Kansai (Ⅱ)	118
1280765	Adaptive Watershed Management to Climate Changes: Flood Control and Ecosystem Conservation /JICA Hokkaido (Obihiro)	119
1280814	Fire Fighting Techniques/JICA Kyushu	120
1280933	Fire Prevention Techniques/JICA Tokyo(Public Policy)	121
1280999	Comprehensive Disaster Risk Management/JICA Kansai (Ⅱ)	122
1284022	Capacity Development of Policy Making in Climate Change Adaptation (CCA) in Water Sector/JICA Kansai (Ⅱ)	123
1284047	Comprehensive Disaster Management for Central Asia and Caucasus/JICA Kansai (Ⅱ)	124
1284097	Volunteer Management for Disaster Resilient Communities in Asian Countries/JICA Kansai (Ⅱ)	125
1284133	Control de Desastres/JICA Kansai (Ⅱ)	126
1284219	Pre-Recovery Planning from Natural Disasters/JICA Kansai (Ⅱ)	127
1284220	Community-based Disaster Risk Management/JICA Kansai (Ⅱ)	128
Other Water Resources/Disaster Management Issues その他水資源・防災		
1284264	Volcanic Disaster Prevention and Management for Central and South American Countries/JICA Hokkaido (Sapporo)	129
4.Governance　ガバナンス		
Legal and Judicial Development 法・司法		
1280804	Criminal Justice Response to Corruption/JICA Tokyo(Public Policy)	130
1280971	Treatment of Offenders (Focus on Prison, Probation and Parole)/JICA Tokyo(Public Policy)	131
1280972	Crime Prevention (the Administration of Criminal Justice)/JICA Tokyo(Public Policy)	132
1280973	Crime Prevention and Criminal Justice (Senior Seminar)/JICA Tokyo(Public Policy)	133
1284048	Criminal Justice for Central Asia/JICA Tokyo(Public Policy)	134
1284066	Seminar on Comparative Study of Law for Central Asia/JICA Kansai (Ⅱ)	135
Statistics 統計		
1280567	Analysis, Interpretation and Use of Official Statistics/JICA Tokyo(Public Policy)	136
1280934	Production and Development of Official Statistics in Support for National Development including the Achievement of MDGs/JICA Tokyo(Public Policy)	137
1280935	Application of Information Management and Related ICT for Official Statistics/JICA Tokyo(Public Policy)	138
Administrative Institutions 行政基盤		
1280124	Seminar on Government Audit for Senior Officials/JICA Tokyo(Public Policy)	139
1280320	National Government Administration for Senior Officials/JICA Tokyo(Public Policy)	140
1280569	Seminar on Governmental Human Resource Management for Senior Officials/JICA Tokyo(Public Policy)	141
1280709	Seminar on Government Audit on Public Construction Works /JICA Tokyo(Public Policy)	142
1280845	International Seminar on Taxation (General Course)/JICA Tokyo(Industrial Dev.&Finance)	143
1280846	International Seminar on Taxation (Senior Course)/JICA Tokyo(Industrial Dev.&Finance)	144
1280867	Public Personnel Administration for Middle Level Officials/JICA Tokyo(Public Policy)	145
Local Governance 地方行政		
1280727	Participatory Local Social Development/JICA Chubu	146
1280841	Community Based Development with Local Residents as Main Actors/JICA Tokyo(Public Policy)	147
1280932	Local Governance/JICA Tokyo(Public Policy)	148

1280994	Enhancement of Local Government Administration and Public Services/JICA Kansai (Ⅱ)	149
1284250	Local Government Reform Programme for Anglophone African Countries/JICA Kansai (Ⅱ)	150
1284354	Capacity Building of Local Governments for Development with Community Participation/JICA Hokkaido (Sapporo)	151
Public Safety 公共安全		
1280145	Seminar on Traffic Police Administration/JICA Tokyo(Public Policy)	152
1280706	Seminar on Control of Drug Offences/JICA Tokyo(Public Policy)	153
1280737	Police Info-Communications/JICA Tokyo(Public Policy)	154
1280777	International Terrorism Investigation/JICA Tokyo(Public Policy)	155
1280893	Seminar for Foreign Senior Police Officer/JICA Tokyo(Public Policy)	156
1280963	Seminar on Criminal Investigation/JICA Tokyo(Public Policy)	157
Democratic Institutions 民主制度		
1280269	Seminar on National Assembly and Election /JICA Tokyo(Public Policy)	158
5.Peace-building 平和構築		
Governance ガバナンス		
1280251	Capacity Development on Governance in Conflict-affected Countries/JICA Chugoku	159
Assistance for Vulnerable People 社会的弱者支援		
1280114	Development of Victim Assistance System for Victims of Wars and Armed Conflicts/JICA Tsukuba (Training&Partnership)	160
6.Social Security 社会保障		
Support for Persons with Disabilities 障害者支援		
1280030	Leadership Training for Deaf Persons -Empowerment of Deaf Organizations-/JICA Kansai (Ⅱ)	161
1280237	Mainstreaming of Persons with Disabilities for African Countries/JICA Tokyo(Human Dev.)	162
1280284	Economic Empowerment of Persons with Disabilities through a Community-based Employment Support /JICA Okinawa	163
1280430	Development of Leadership and Networking of Persons with Disabilities/JICA Tokyo(Human Dev.)	164
1280872	Employment Promotion of Persons with Disabilities and Realization of Decent Work for All/JICA Tokyo(Human Dev.)	165
1280956	Intellectual Disability in Community Activity /JICA Tokyo(Human Dev.)	166
1280958	Leadership Training Program for Future Leaders in Sports for Persons with Disability/JICA Tokyo(Human Dev.)	167
1284035	Mainstreaming and Empowerment of Persons with Disabilities (PWD) in Central Asian Countries/JICA Hokkaido (Sapporo)	168
1284067	Independent Living Activity of Persons with Disabilities in Central and South American Countries/JICA Kansai (Ⅱ)	169
1284251	Promotion of the CBR Program in the Middle East II/JICA Hokuriku	170
Social Insurance/Social Welfare 社会保険・社会福祉		
1280907	Improvement of the Social Welfare System/JICA Tokyo(Human Dev.)	171
1280912	Improvement of Social Insurance System/JICA Tokyo(Human Dev.)	172
Labour and Employment 労働・雇用関係		
1280021	Development of Employment Policy for Sustainable Economic Development and Improvement in Worker's Welfare/JICA Yokohama	173
1280222	Occupational Disease Prevention and Working Environment Improvement/JICA Kansai (Ⅰ)	174
1280274	Measures to Introduce OSHMS to SMEs/JICA Tokyo(Human Dev.)	175
1280718	Policy Improvement of Industrial Safety and Health/JICA Tokyo(Human Dev.)	176
7.Transportation 運輸交通		
Capacity Development for Transport Sector 運輸交通行政		
1280018	Development of National Implementation Plan under the "ASEAN-Japan Action Plan on Environment Improvement in the Transport Sector"/JICA Tokyo(Economy&Env.)	177
1280154	Support for the Development of Vehicle Safety and Environment Regulations and Establishment of Type Approval System for Vehicles/JICA Tokyo(Economy&Env.)	178
1280783	Colloquium on Urban Public Transport/JICA Tokyo(Economy&Env.)	179
1280878	The Total Planning of Airport Construction, Management and Maintenance/JICA Yokohama	180
1280948	Comprehensive Bridge Engineering/JICA Kansai (Ⅱ)	181
1280949	Road Administration/JICA Tokyo(Economy&Env.)	182

1280978	Sustainable Port Development and Planning/JICA Yokohama	183
1280981	Strategic Port Management/JICA Yokohama	184
1284023	Maritime Law Enforcement for Countries in Asia and surrounding Somalia /JICA Kyushu	185
1284265	Seminar for Leading Coast Guard Officials in ASEAN Countries/JICA Chugoku	186
1284340	Improvement of Port Cargo Transport Efficiency for African Countries/JICA Yokohama	187
1284883	Development of Logistics System in Asian Region/JICA Chubu	188
International/Inter-regional Transportation 国際交通		
1280318	Seminar on Aviation Security/JICA Yokohama	189
1280713	Hydrography for Charting, Disaster Prevention, and Environment Protection (Internationally Accredited Category B for Hydrographic Survey)/JICA Tokyo(Economy&Env.)	190
1280743	Advanced Maritime Education on Navigation Technology/JICA Kansai (Ⅱ)	191
1280977	International Maritime Conventions and Ship Safety Inspection/JICA Yokohama	192
1284123	Seminar on Port Facility Security for ASEAN Countries/JICA Yokohama	193
National Transportation 全国交通		
1280096	Trunk Road Management and Maintenance/JICA Kansai (Ⅱ)	194
1284031	Road Management and Maintenance for Central Asian Countries/JICA Hokkaido (Sapporo)	195
Urban Transportation 都市交通		
1280242	Urban Road Management and Maintenance/JICA Hokkaido (Sapporo)	196
1280844	Environmentally Sustainable Urban Transport Planning/JICA Chubu	197
1280951	Planning the Operation and Maintenance System for Urban Railways/JICA Tokyo(Economy&Env.)	198
Rural Transportation 地方交通		
1280168	Maintenance of Mountain Road/JICA Kansai (Ⅱ)	199
Other Transportation Issues その他運輸交通		
1280744	Flight Procedure Design (RNAV)/JICA Tokyo(Economy&Env.)	200
1280807	Maritime Search and Rescue, Marine Disaster Prevention and Marine Environment Protection Course for the Officials for Maritime Safety Operational Level/JICA Yokohama	201
8.Information and Communication Technology 情報通信技術		
Information and Communication Technology 情報通信技術		
1280023	Web Application Development (Open Source) for E-Government Promotion/JICA Okinawa	202
1280072	Information Security for E-Government Promotion/JICA Okinawa	203
1280075	Information, Education and Communication (IEC) in Health Sector/JICA Okinawa	204
1280129	System Management for E-Government Promotion/JICA Okinawa	205
1280131	Strategic Empowerment of Organizations for E-Government Promotion/JICA Okinawa	206
1280137	IP Network Development and Management for E-Government Promotion/JICA Okinawa	207
1280239	IT Engineering Trainer in Public Institution/JICA Hokkaido (Sapporo)	208
1280263	Fundamental Technology and Measures for E-Government Promotion/JICA Okinawa	209
1280855	Digital Video Production for Dissemination and Enlightenment/JICA Okinawa	210
1280953	Capacity Building for Developing Communication and Information Environment in Rural Community /JICA Tokyo(Economy&Env.)	211
1280954	Telecommunications Policy and Regulations/JICA Tokyo(Economy&Env.)	212
1280967	Standardization Needed for the Deployment of Telecommunications Infrastructure/JICA Tokyo(Economy&Env.)	213
Broadcasting 放送		
1280115	Digital Terrestrial TV Broadcast (DTTB) Engineering/JICA Tokyo(Economy&Env.)	214
1280116	Maintenance and Quality Management of Digital Studio Broadcast Equipment for Stable & Long-Life Operation/JICA Tokyo(Economy&Env.)	215
1280952	Broadcasting Executive's Seminar/JICA Tokyo(Economy&Env.)	216
9.Natural Resources and Energy 資源・エネルギー		
Energy Supply エネルギー供給		
1280049	Energy Policy/JICA Tokyo(Industrial Dev.&Finance)	217
1280252	Alternative Power Generation Technology for Low Carbon Society/JICA Kyushu	218
1280578	Thermal Power Engineering Course for Gas Turbine & Coal Fired Steam Turbine -Improvement of Maintenance Skill for Stable Power Supply/JICA Chugoku	219
1280730	Nuclear Power Generation Infrastructure/JICA Tokyo(Industrial Dev.&Finance)	220

1280797	The Improvement for Electric Power Distribution Grid/JICA Okinawa	221
1280827	Electric Power System Engineering/JICA Hokkaido (Sapporo)	222
Energy Conservation 省エネルギー		
1280253	Promotion of Energy Conservation in Commercial and Residential Sector/JICA Kyushu	223
1280270	Fuel-reduced Operation by Economical Load Distribution of Multiple Diesel Generators/JICA Okinawa	224
1280315	Policy Planning for Energy Efficiency & Conservation/JICA Tokyo(Industrial Dev.&Finance)/JICA Kyushu	225
1284317	Energy Conservation in Public and Private Sector/JICA Kansai (Ⅰ)	226
1284319	Energy Conservation Technology & Machine Condition Diagnosis Technique - for Productivity Enhancement and Cleaner Production - /JICA Kyushu	227
Renewable Energy 再生可能エネルギー		
1280008	Planning Support for Introduction of Solar Power Generation/JICA Kansai (Ⅰ) /JICA Okinawa	228
1280032	Tropical Biomass and Bio-fuel Utilization/JICA Okinawa	229
1280236	Solar Power Generation Technology/JICA Kansai (Ⅰ) /JICA Kyushu	230
1280249	Promotion and Dissemination of Biomass Utilization Technology/JICA Chugoku	231
1280939	Promotion of Hydropower Development/JICA Tokyo(Industrial Dev.&Finance)	232
1284028	Rural Electrification Promotion Utilizing Renewable Energies/JICA Tokyo(Industrial Dev.&Finance)	233
1284283	Enhancement of Planning Capacity for Geothermal Energy Development in African Countries / TICAD IV Follow-up/JICA Kyushu	234
Mining 鉱業		
1280882	Sustainable Mining Development/JICA Tohoku	235
1284289	Enhancement of Geological Information System for Minerals with Modern Techniques in Africa/JICA Tohoku	236
10.Economic Policy 経済政策		
Transition to Market Economy 市場経済化		
1284070	Customs Administration for Central Asia and Caucasian Countries/JICA Kansai (Ⅰ)	237
Financial System 金融		
1284109	Stock Exchange Development for Asian Countries/JICA Tokyo(Industrial Dev.&Finance)	238
1284242	Bond Market Development in ASEAN Countries/JICA Tokyo(Industrial Dev.&Finance)	239
1284243	Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries/JICA Tokyo(Industrial Dev.&Finance)	240
1284355	Improvement of Banking Service /JICA Tokyo(Industrial Dev.&Finance)	241
Public Finance (revenue) 財政（歳入）		
1280931	Customs Administration/JICA Tokyo(Industrial Dev.&Finance)	242
1284203	International Taxation for Asian Countries/JICA Tokyo(Industrial Dev.&Finance)	243
1284298	Customs Administration for Latin American Countries/JICA Kansai (Ⅰ)	244
Macro Economic Management マクロ経済運営基盤整備		
1280040	Economic Development Policies/JICA Tokyo(Industrial Dev.&Finance)	245
1280896	Competition Policy and Law/JICA Kansai (Ⅰ)	246
11.Private Sector Development 民間セクター開発		
Small and Medium Enterprises/Supporting Industries Promotion 中小企業育成・裾野産業育成		
1280051	Coordinator Training for Tertiary Education-Industry-Government (T-I-G) Link to Develop Local Industry Sector/JICA Chubu	247
1280070	Small and Medium Enterprise Development Policies/JICA Kansai (Ⅰ) /JICA Chugoku/JICA Shikoku	248
1280842	Practical Corporate Management for Productivity Improvement through Practical KAIZEN and Quality Control Methods/JICA Tokyo(Industrial Dev.&Finance)	249
1280995	Financial and Technological Support for Small and Medium Enterprises Promotion/JICA Kansai (Ⅰ)	250
1284039	The Policy of Regional Industry Promotion for South East European Countries/JICA Chugoku	251
1284041	Production Management for Southeast European Countries/JICA Hokkaido (Sapporo)	252
1284092	Andean Region One Village One Product Promotion/JICA Kyushu	253
1284142	Business Management for Asian and East European Countries/JICA Hokkaido (Sapporo)	254
1284145	Empowerment of Export through Promotion of Small and Medium Enterprises in SAARC Region/JICA Yokohama	255

1284216	Regional Industrial Development by Public-Private Partnership for Central American and Caribbean countries/JICA Kansai （Ⅰ）	256
1284221	Practical Production Management (Theory and Practice on Productivity Improvement) for South America/JICA Kyushu	257
1284222	Community Capacity and Rural Development Promotion for Asia Countries -One Village One Product-/JICA Kyushu	258
1284226	Small and Medium Enterprises/Local Industry Activation for Central and South American Countries/JICA Kyushu	259
1284252	Community Capacity and Rural Development - Focusing on One Village One Product - for African Countries/JICA Kyushu	260
1284271	Improvement of Management and Productive Efficiency of SMEs in Mercosur/JICA Chubu	261
1284273	Promotion of Coordination for SMEs Support/JICA Tokyo(Industrial Dev.&Finance)	262
1284301	Dissemination of Productivity Improvement Activity in the Latin-American Countries (In Cooperation with Volunteer Activities)/JICA Kyushu	263
1284341	Practical Business Training Course for Central Asia/JICA Kansai （Ⅰ）	264
1284346	Capacity Development for Entrepreneurs and MSMEs Activation in African Countries/JICA Kyushu	265
1284351	Production Management/JICA Hokuriku	266
Industrial Development Institution 産業基盤制度		
1280132	Patent Examination Practice for APEC Economies/JICA Tokyo(Industrial Dev.&Finance)	267
1280877	ASEAN Conformity Assessment of Electrical and Electronic Equipment (IECEE CB scheme)/JICA Tokyo(Industrial Dev.&Finance)	268
1280879	International Standards Development/JICA Tokyo(Industrial Dev.&Finance)	269
1280993	Intellectual Property Rights/JICA Kansai （Ⅰ）	270
Industrial Technology 産業技術		
1280108	Japanese MONODZUKURI and Manufacturing in Developing Countries/JICA Chubu	271
1280861	The Human Resource Development for International Welding Engineer/JICA Chubu	272
1280885	Maintenance Management for Productivity Improvement/JICA Kyushu	273
Trade and Investment 貿易・投資促進		
1280028	Implementation of the WTO Agreements/JICA Tokyo(Industrial Dev.&Finance)	274
1280803	Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment/JICA Kansai （Ⅰ）	275
1280881	Improvement of Implementation on Security Export Control in Asia/JICA Tokyo(Industrial Dev.&Finance)	276
1284108	Strengthening the Export Competitiveness of Small and Medium-sized Coffee Producers/JICA Tokyo(Industrial Dev.&Finance)	277
1284177	Facilitating Trade and Investment in Indian Ocean-rim Economic Region/JICA Kansai （Ⅰ）	278
Tourism 観光		
1280859	Conservation and Risk Management of Historic Towns for Cultural Tourism/JICA Kansai （Ⅱ）	279
1280942	Tourism Promotion and Marketing: Targeting the Japanese Market/JICA Tokyo(Industrial Dev.&Finance)	280
1284029	Planning and Management of Eco-Tourism in Tropical and Subtropical Areas for Latin American Countries/JICA Okinawa	281
1284032	Sustainable Regional Tourism Development in Latin America and the Caribbean Countries/JICA Hokkaido (Sapporo)	282
1284112	Sustainable Tourism Development for the Middle East Region/JICA Kansai （Ⅱ）	283
1284150	Tourism Promotion in Mekong Area/JICA Kansai （Ⅱ）	284
1284229	Sustainable Tourism Development in CARICOM Countries/JICA Okinawa	285
1284306	Sustainable Tourism Development in African Countries (Natural and Cultural Tourism Development) / TICAD IV Follow-up/JICA Okinawa	286
1284307	Sustainable Tourism Development in French-speaking African Countries / TICAD IV Follow-up/JICA Hokuriku	287
1284310	Sustainable Tourism Development in African Countries (Tourism Resources Development) / TICAD IV Follow-up/JICA Shikoku	288
1284315	Sustainable Tourism Development in African Countries (Community-based Tourism Planning) / TICAD IV Follow-up/JICA Chugoku	289
1284843	Planning and Management of Eco-tourism in Tropical and Subtropical Areas for Asia and Oceania Region/JICA Okinawa	290
12.Agricultural/Rural Development 農業開発・農村開発		
Agricultural Policy and System 農業政策・制度		
1280046	Planning and Designing of Agricultural Statistics for Agricultural Policy Making/JICA Tsukuba(Training)	291
1280067	Planning of Agricultural Policy/JICA Tsukuba(Training)	292
1280758	Zero Emission-type Agriculture and Rural Development/JICA Hokkaido (Obihiro)	293

1280924	Internationally Harmonized Plant Variety Protection System (PVP System)/JICA Tsukuba(Training)	294
1280926	Agricultural Extension Planning and Management/JICA Tsukuba(Training)	295
1284087	Workshop on Planning, Implementation, and Monitoring of National Rice Development Strategy (NRDS) for Sub-Sahara African Countries/JICA Tsukuba(Training)	296
Agricultural Development 農業開発		
1280003	Agrobiotechnology for Sustainable Agriculture/JICA Kansai (II)	297
1280004	Development and Marketing of Agricultural Processed Products for Economic Empowerment of Women in Farming Communities/JICA Shikoku	298
1280025	Sustainable Pasture Based Livestock Farming Development/JICA Tohoku	299
1280042	Animal Agriculture for Sustainable Rural Development/JICA Hokkaido (Obihiro)	300
1280047	Improved Operation and Management for Agricultural and Rural Infrastructure/JICA Tsukuba(Training)	301
1280076	Sustainable Livestock Development Policy/JICA Tohoku	302
1280112	Upland Cereal Crops Management for Extension Officers/JICA Hokkaido (Obihiro)	303
1280148	Development of Core Agricultural Researchers for Rice Promotion in Sub-Saharan Africa/JICA Chubu	304
1280199	Development Farm Machinery for Small-Scale Farmers/JICA Tsukuba(Training)	305
1280213	Veterinary Technology for Farm Animals/JICA Hokkaido (Sapporo)	306
1280220	ICT (Information and Communication Technology) for Agricultural Information Use/JICA Hokkaido (Obihiro)	307
1280245	Hygiene and Quality Management for Animal Source Foods/JICA Hokkaido (Obihiro)	308
1280714	Sustainable Native Cattle Breed Improvement System/JICA Tohoku	309
1280771	Rice Cultivation Techniques Development/JICA Tsukuba(Training)	310
1280810	Integrated Pest Management for Plant Protection/JICA Kansai (II)	311
1280824	Thermal Treatment for Disinfestation of Fruit Flies/JICA Okinawa	312
1280826	Poultry Production, Management and Disease Prevention Technology/JICA Tohoku	313
1280850	Soil Diagnosis Technology for Sustainable Agricultural Production and Environmental Conservation/JICA Hokkaido (Obihiro)	314
1280866	Research on Veterinary Technology/JICA Tsukuba(Training)	315
1280890	Appropriate Management of Land and Water Resources for Sustainable Agriculture in Arid/Semi-arid Regions/JICA Chugoku	316
1280903	Agricultural Infrastructure Improvement in Upland Crop Farming Areas for Rural Development/JICA Hokkaido (Obihiro)	317
1280920	Advanced Research Course on International Animal Health/JICA Hokkaido (Obihiro)	318
1280923	Irrigation and Drainage through Integrated Water Management/JICA Tsukuba(Training)	319
1284011	Extension Methodologies of Organic Agricultural Techniques for Small Scale Farmers for Central America and Caribbean Countries/JICA Tsukuba(Training)	320
1284019	Upland Rice Cultivation and Variety Selection Techniques for Africa/JICA Tsukuba(Training)	321
1284033	Sustainable Agriculture by Utilizing unused Organic Substance Resources for Central Asian Countries/JICA Hokkaido (Sapporo)	322
1284046	Strengthening Role and Function of Farmers' Organization in Central Asian Countries/JICA Hokkaido (Sapporo)	323
1284049	Advancement of Water Users' Associations (WUA) for Central Asia and Caucasus Countries/JICA Tsukuba(Training)	324
1284052	Lowland Rice Cultivation Techniques for Small Scale and Extension for Africa/JICA Tsukuba(Training)	325
1284054	Horticultural Crop Cultivation and Extension for Africa /JICA Tsukuba(Training)	326
1284095	Post-harvest Rice Processing for English Speaking African Countries/JICA Tohoku	327
1284116	Participatory Irrigation Management System for Paddies for Asian Countries/JICA Hokkaido (Sapporo)	328
1284194	Improvement of Agricultural Machinery and Equipment for the Growth in Agricultural Productivity for African Countries/JICA Hokkaido (Obihiro)	329
1284197	Dissemination of Agricultural Technology of Water-saving Irrigation for Middle East/JICA Tsukuba(Training)	330
1284274	Counterparts Training Course on Facility Maintenance and Water Management for Irrigation and Drainage/JICA Tsukuba(Training)	331
1284858	Region-focused Training: Vegetable Cultivation Technology and Marketing Method for Small Scale Farmers/JICA Tsukuba(Training)	332
Rural Development 農村開発		
1280211	Integrated Agriculture & Rural Development through the Participation of Local Farmers/JICA Hokkaido (Sapporo) /JICA Tsukuba(Training)	333
1280244	Local Industry Development in Agricultural Regions by Strengthening Capacity of Management and Marketing/JICA Hokkaido (Obihiro)	334
1280246	Cattle Management for Milk and Meat Production Using Regional Resources/JICA Hokkaido (Obihiro)	335

1280805	JICA-NGO Partnership Training Course on Participatory Community Development for Practitioners/JICA Kansai (Ⅱ)	336
1280889	Empowerment of Rural Women/JICA Tsukuba(Training)	337
1280969	Strengthening Management and Business Activities of Agricultural Cooperatives /JICA Tsukuba(Training)	338
1284002	Rural Development for Small-Scale Farmers through Agricultural Cooperatives Activity in Asia/JICA Okinawa	339
1284125	'KAIZEN' of the Rural Development Policy through 'Livelihood Improvement Approach' in Central America and Caribbean Region/JICA Tsukuba(Training)	340
1284159	Livelihood Improvement Activity and IGA(Income Generation Activity) for Small Rural Communities in African Countries/JICA Tsukuba(Training)	341
1284180	Rural Community Development by Livelihood Improvement Approach for Africa/JICA Tsukuba(Training)	342
1284245	Rural Development through Livelihood Improvement (by KAIZEN) for Central and South America/JICA Tsukuba(Training)	343
1284254	Implementation and Promotion of Agribusiness for African Countries/JICA Tsukuba(Training)	344
Other Agricultural/Rural Development Issues その他農業開発・農村開発		
1280001	Mycotoxin Inspection for Food Safety/JICA Kansai (Ⅱ)	345
1280247	Farmer-led Extension Method/JICA Hokkaido (Obihiro)	346
1280256	Advanced Training Course on Foot and Mouth Disease/JICA Kyushu	347
1284036	Farmers Organization Water Management through Small Water Impounding Reservoir (Small Dam) for Asia and Africa/JICA Shikoku	348
1284057	Agricultural Mechanization for Central Asia and Caucasus /JICA Tsukuba(Training)	349
1284294	Improvement of Income Generation in Villages by Processing of Agricultural Products / TICAD IV Follow-up/JICA Hokkaido (Sapporo)	350
1284295	Development and Marketing of Processed Agricultural Products for Better Living of Women in Farming Communities in Africa /TICAD IV Follow-up/JICA Shikoku	351
1284302	Participatory Irrigation Management System for Paddies for African Countries / TICAD IV Follow-up/JICA Hokkaido (Sapporo)	352
13.Nature Conservation 自然環境保全		
Sustainable Use of Natural Resources 持続的自然資源利用		
1280015	Conservation and Sustainable Management of Mangrove Ecosystems/JICA Okinawa	353
1280031	Environmental Education for Sustainable Development -Conservation of Coastal Ecosystems for Lives of Local Communities-/JICA Okinawa	354
1280048	Capacity Development of Carbon Budget Measurement of Tropical Forests to React Climate Change /JICA Shikoku	355
1280113	Remote Sensing of Forest Resources (Basic)/JICA Hokkaido (Sapporo)	356
1280152	Capacity Building for National Forest Monitoring System to Promote REDD/JICA Tokyo(Economy&Env.)	357
1280756	Eco-tourism for Sustainable Use of Natural and Cultural Resources/JICA Hokkaido (Obihiro)	358
1280919	Various Forest Conservation with Community Participation/JICA Hokkaido (Obihiro)	359
1280968	Reinforcement of the Means of Implementation for "Sustainable Forest Management (SFM)"/JICA Tokyo(Economy&Env.)	360
1280970	Forest and Watershed Conservation with Participatory Approach/JICA Tokyo(Economy&Env.)	361
1280987	Information Management Technology for Land Use and Natural Resources Analysis /JICA Chubu	362
1280988	Integrated Basin Management for Lake Environment/JICA Kansai (Ⅱ)	363
1280991	Environmental Education Focused on Fresh Water Environment -for Tertiary Level Teaching Staff- /JICA Kansai (Ⅱ)	364
1284191	Criteria & Indicators (C & I) and Forest Certification for Asia and Latin American Countries/JICA Hokkaido (Sapporo)	365
1284353	Forest Resource Monitoring for French Speaking Countries Centering on Countries around Congo Basin/JICA Tokyo(Economy&Env.)	366
Conservation of Biodiversity 生物多様性保全		
1280014	Regional Development by Sustainable Use of Biodiversity /JICA Chubu	367
1280126	Wildlife Management Planning for Biodiversity Conservation by GIS and Remote Sensing/JICA Hokkaido (Obihiro)	368
1280138	Promotion of SATOYAMA Initiative: Biodiversity Conservation and Community Promotion through the Sustainable Management of Natural Resources/JICA Hokuriku	369
1280271	Conservation and Sustainable Use of Coral Reefs and Other Coastal Ecosystems/JICA Okinawa	370
1280272	Sustainable Natural Resources Management through Japanese System of Natural Park/JICA Hokkaido (Sapporo)	371
1280789	Biodiversity Information System/JICA Tokyo(Economy&Env.)	372
1280865	Conservation and Sustainable Use of Biodiversity to the Wetland Ecosystems on Community Base/JICA Hokkaido (Obihiro)	373
Revegetation of Degraded Land 荒廃地回復		

1284210	Rehabilitation of Degraded Lands in Asia and Africa/JICA Yokohama	374
1284291	Training for Countermeasures against Littoral Erosion in West and Central French-speaking Africa / TICAD IV Follow-up/JICA Yokohama	375
14.Fisheries 水産		
Fisheries Administration 水産行政		
1280752	Capacity Building of Local Government to Develop and Guide Fishers' Organizations for the Realization of Sustainable Regional Fishery/JICA Chugoku	376
Fisheries Resource Management 水産資源管理		
1280336	Stock Management and Enhancement in the Sea/JICA Shikoku	377
1280863	Coastal Fisheries Management/JICA Yokohama	378
1280975	Coastal Fishing Technique for Sustainable Resource Use/JICA Kyushu/JICA Hokkaido (Sapporo)	379
Rural Development in Fisheries 漁村開発		
1280852	Planning of Fisheries Community Development/JICA Yokohama	380
1280976	Gender Mainstreaming in Fishing Community Development/JICA Yokohama	381
1284038	Training for Fisheries Extension Officers in Island Countries/JICA Okinawa	382
1284292	Sustainable Fisheries Community Development for French Speaking Countries in Central and Western Africa/JICA Yokohama	383
15.Gender and Development ジェンダーと開発		
Gender and Development ジェンダーと開発		
1280723	Gender Mainstreaming Policies for Government Officers/JICA Kyushu	384
1284089	Support on Women's Entrepreneurship Development for African Countries/JICA Chugoku	385
1284352	Seminar on Promotion of Networking among Asian Countries on Anti-human Trafficking/JICA Tokyo(Public Policy)	386
16.Urban/Regional Development 都市開発・地域開発		
Urban Development 都市開発		
1280212	Public Works Administration in Regional Government/JICA Hokkaido (Sapporo)	387
1280325	Urban Development (Focused on Land Readjustment Measures)/JICA Tokyo(Economy&Env.)	388
1280782	Comprehensive Urban Transportation Planning and Project/JICA Tokyo(Economy&Env.)	389
1280947	Comprehensive City Planning/JICA Tokyo(Economy&Env.)	390
1280950	Improvement of Housing and Living Environments/JICA Tokyo(Economy&Env.)	391
1280979	Construction Technology Introduced and/or Applied to Developing Countries /JICA Yokohama	392
Regional Development 地域開発		
1280764	General Management for Regional Development and Planning/JICA Hokkaido (Sapporo)	393
1284212	Endogenous Regional Economic Development Utilizing Local Resources for Central Asia/JICA Chubu	394
1284276	Endogenous Regional Economic Development Utilizing Local Resources in Central and South America/JICA Chubu	395
1284277	Supporting Regional Development by Utilizing Local Resources in Africa/JICA Chubu	396
Geographical Information 地理情報		
1280874	Global Mapping for Sustainable Development/JICA Tsukuba (Training&Partnership)	397
1280922	Planning and Management of National Mapping and Surveying/JICA Tsukuba (Training&Partnership)	398
Other Urban and Regional Development Issues その他都市開発・地域開発		
1280230	Project Management in Infrastructure Development for Civil Engineers/JICA Yokohama	399
1280278	Disaster Prevention of Buildings (against Earthquake,Tsunami,Fire, etc.)/JICA Tokyo(Economy&Env.)	400
1280708	Theoretical and Practical Techniques on Mechanized Construction Method and Repair and Maintenance of Construction Equipment /JICA Yokohama	401
1280980	National and Regional Development Policy/JICA Yokohama	402
1284134	Public Participation, Consensus Building and Resettlement in Public Works Project for Asian Countries/JICA Hokkaido (Obihiro)	403
17.Environmental Management 環境管理		
Air Pollution/Acid Rain 大気汚染・酸性雨		
1280286	Air Pollution Source Management/JICA Kyushu	404

1280287	Countermeasure against Automobile Pollution in Urban Area/JICA Kansai (Ⅱ)	405
1280864	Air Quality Management Policy/JICA Tokyo(Economy&Env.)	406
Water Pollution 水質汚濁		
1280006	Domestic Wastewater Treatment Techniques/JICA Kyushu	407
1280103	Operation and Maintenance of Sewerage System and Waste Water Treatment Technique/JICA Kyushu	408
1280105	Sewerage Technology for Wastewater Control and Urban Drainage/JICA Kansai (Ⅰ)	409
1280260	Water Environment Administration/JICA Kyushu	410
1280779	Sewage Works Engineering and Stormwater Drainage Technology/JICA Tokyo(Economy&Env.)	411
1280815	Industrial Wastewater Treatment Techniques/JICA Kyushu	412
1280962	Water Environmental Monitoring/JICA Tokyo(Economy&Env.)	413
1280997	The Integrated Water Management of Coastal Seas / Bays and Catchment Areas/JICA Kansai (Ⅱ)	414
1284018	Sewage Treatment Technique for Central America and the Caribbean/JICA Chugoku	415
Industrial Solid Wastes 産業廃棄物		
1284209	Creation of Recycling Society based on Hazardous Waste Management and Appropriate Disposal in Asia/JICA Yokohama	416
1284421	Seminar on Recycling Industrial Policy/JICA Tokyo(Economy&Env.)	417
Urban Solid Wastes 一般廃棄物		
1280091	Solid Waste Management by Local Government/JICA Kansai (Ⅱ)	418
1280100	Waste Management Technique/JICA Kyushu	419
1280257	Management of Composting Project/JICA Kyushu	420
1280259	Design and Maintenance of Semi Aerobic Landfill Site (Fukuoka Method)/JICA Kyushu	421
1280802	Urban Solid Waste Management by Local Government/JICA Kansai (Ⅱ)	422
1280974	Comprehensive Solid Waste Management and the 3Rs/JICA Yokohama	423
1284017	Capacity Development for Local Government in Comprehensive Solid Waste Management in the Republic of Peru/JICA Chubu	424
1284026	Waste Management Technology and 3Rs for Central and South American Countries/JICA Hokkaido (Sapporo)	425
1284146	Waste Management for Promoting Recycling-Oriented Societies in Central and South America/JICA Chubu	426
1284224	Solid Waste Management with Community Participation/JICA Kyushu	427
1284305	Sustainable Solid Waste Management in CARICOM Member States/JICA Okinawa	428
Cleaner Production クリーナープロダクション		
1284076	Promotion of Cleaner Production for Southeast European Countries/JICA Kyushu	429
1284155	Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries)/JICA Kyushu	430
Global Warming 地球温暖化		
1280066	Adaptation to Climate Change/JICA Tsukuba (Training&Partnership)	431
1280572	Development of Strategies on Climate Change/JICA Tsukuba (Training&Partnership)	432
1280937	Ozone Layer Protection and the Global Warming Countermeasures～ Measures to Reduce the Controlled Substances of the Montreal Protocol and the Kyoto Protocol～ /JICA Tokyo(Industrial Dev.&Finance)	433
1284088	Mitigation of Climate Change in the Southeast Asia and Oceania Region/JICA Tsukuba (Training&Partnership)	434
1284349	Capacity Development for NAMA/MRV/JICA Kansai (Ⅱ) /JICA Kyushu	435
Environmental Administration 環境行政一般		
1280007	Environmental City Planning through Community Participation/JICA Kyushu	436
1280026	Chemical Management Policy - Reflecting International Discussion -/JICA Tokyo(Industrial Dev.&Finance)	437
1280106	Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project/JICA Tokyo(Economy&Env.)	438
1280258	Environmental Education/JICA Kyushu	439
1280267	Conservation and Management of Water Environment in Island Countries/JICA Okinawa	440
1280936	Environmental Impact Assessment in ODA Projects (EIA as a Tool for Sustainable Development)/JICA Tokyo(Economy&Env.)	441
1280992	Mega-City Environmental Policy and Environmental Management System/JICA Kansai (Ⅱ)	442
1284021	Industrial Pollution Control Management /JICA Kyushu	443
1284316	Environmental Technology for Low-Carbon Society/JICA Kyushu	444
Mine Pollution 鉱害		

1284246	Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America/JICA Kansai (Ⅱ)	445
18.Aid Approach 援助アプローチ		
Capacity Development キャパシティ・ディベロップメント		
1280027	Management of Human Capacity Development/JICA Tokyo(Public Policy)	446
1284098	Knowledge-based Management for ASEAN "Nonaka Knowledge Forum for Global Leadership"/JICA Tokyo(Public Policy)	447
19.Evaluation 評価		
Evaluation 評価		
1280833	Seminar on Evaluation of Japanese ODA Projects/JICA Tokyo(Public Policy)	448

How to read the Program Outline

※1 Mycotoxin Inspection for Food Safety
食品安全のためのマイコトキシン検査技術

※2 Group 1280001 ※4
※3 Trainers Continuing ※5
LOCKED 7 participants ※6

※7 Target Countries :

※8 Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

※9 Language :English

Appeal

※10 Safety of agricultural products such as grains, etc. will be strengthened through mycotoxin inspection techniques and latest methods shared among inspectors of food inspection organizations.

Objective/Output	Target Organization / Group
※11 【Objective】 A draft plan to diffuse or improve techniques and knowledge for mycotoxin inspection will be formulated and authorized by food inspection organizations. 【Outputs】 (1) To acquire and apply the methodology and technology for mycotoxin analysis (2) To be able to explain about control and management of fungi and mycotoxins (3) To formulate an action plan for disseminating the most feasible knowledge and technology for each country (4) To submit a progress report on action plan	【Target Organizations】 Governmental and non-governmental organizations in the field of food inspection 【Target Group】 (1) Current Duties: be a technical officer or an inspector who is engaged in food inspection (2) Experience: to have more than 3 years in food inspection (3) Others: preferably be under 35 years old and to stay in the same field after the completion of this program ※13

Contents		
※12 【Preliminary Phase】 ・To formulate and submit an inception report describing the current situation of food safety and mycotoxin regulation 【Core Phase】 Lectures, Lab Practice, Observation and Workshop: ・General overview of mycotoxins and international trend, and Import food inspection/surveillance system ・Mycotoxin regulation and validation of analytical methods ・Aflatoxin contamination, Ochratoxin contamination, Fusarium toxins, Patulin, etc. ・Mycotoxin analytical methods - chemical analysis, ELISA etc. ・Prevention, control and risk assessment of mycotoxins ・Isolation and identification of mycotoxin producing fungi ・Experience sharing with ex participants ・Workshop for action plan making, guidance, and presentation 【Finalization Phase】 ・Action plan presentation in each participating organization ・Feasibility study on action plan by each organization ・Submission of progress report to JICA within 3 months after return.	Program Period	2013/ 1/28～2013/ 4/20 ※14
	Implementing Partner	・Kobe Institute of Health ・Nagoya City Public Health Research Institute ※15
	JICA Center	JICA Kansai (II) ※16
	Cooperation Period	2010～2012 ※17
	Remarks and Website	Most instructors of this program are executive members of Japanese Society of Mycotoxicology. The relevant website: http://www.jsmyco.org/MYCONTENTS/Eng/index_eng.html ※18

***1 PROGRAM TITLE (English/Japanese)**

***2 TYPES OF TRAINING**

There are two types of Training and Dialogue Programs, Group, and Region-Focused.

***3 STANDARD CATEGORY**

JICA has classified Group and Region-Focused Training Programs into four standard categories as shown below, in order to clarify the objectives of the Group and Region-Focused Training Programs.

Standard category	Concept
Leaders Training Programs 【Leaders】	This type aims to enhance the capacity of the personnel that is involved in important decision makings in organizations or who is engaged in highly specialized areas.
Trainers Training Programs 【Trainers】	This type aims to disseminate the kinds of knowledge and skills which become significant with wide acquisition among groups. This type of program target at mid-level personnel of "front-line" occupations such as teachers, nurses and extension officers. Such program is implemented with the aim of the specified final beneficiaries gaining knowledge and skill through program participants, in addition to the development of the abilities of the participants themselves.
Solution Creation Programs 【Solution】	This type aims to facilitate problem solving in organizations or societies such as making improvements in the operation of organizations or the creation of political measures and the establishment of systems. Programs of this type provide opportunities for partner countries to consider the measures needed to solve the problems in their countries by using the Japanese experience as a reference.
International Dialogue Programs 【Int. Dialogue】	This type aims to share experience related to regional or global problems and to develop new knowledge. It promotes international dialogues and the creation of networks for important problems.

***4 PROGRAM NUMBER**

***5 CLASSIFICATION**

The program is classified into New, Updated, or Continuing.

***6 CAPACITY**

Number of participants for the program.

***7 TARGET COUNTRIES**

In the case of programs which require the participating countries to fulfill certain conditions such as geographical conditions, social circumstances, or representation in international conventions or bodies, the condition is shown here.

***8 GLOBAL ISSUES (SECTOR / SUB-SECTOR)**

***9 LANGUAGE**

Language used in the program.

***10 APPEAL**

Description of the program characteristics.

***11 OBJECTIVE/ OUTPUT**

The objective or output which should be achieved by participants and/or participating organizations following completion of the program.

***12 CONTENTS**

Description of the program contents.

In some cases, <Preparatory Phase> or <Post- program Activities> may be included as a part of the overall program.

<Preparatory Phase>

Activities which should be performed by participants / participating organizations prior to the visit to Japan (e.g. preparation seminar, research, report writing etc.).

<Post-program Activities>

Activities which should be performed in the home country following completion of the Program in Japan, so as to diffuse outputs of the program from individual participants to the participating organization or society of recipient country (e.g. implementation of Action Plan, submission of Final Report etc.).

***13 TARGET ORGANIZATIONS / GROUP**

[Target Organizations] indicates the type of organization targeted by the program.

[Target Group] shows specific qualifications / requirements of participants.

***14 PROGRAM PERIOD**

Total period spent in Japan from arrival to departure. (NB: Subject to change)

***15 IMPLEMENTING PARTNER**

Organizations primarily responsible for implementation of the program.

***16 JICA CENTER**

JICA domestic center responsible for management of the program.

***17 COOPERATION PERIOD**

Fiscal years in which the program will be provided (normally 3 years).

***18 REMARKS AND WEBSITE**

Other information relevant to the program, such as the background, details of partner organization and bodies, qualifications / academic degrees available to participants etc. as well as website address is provided here.

1.Education

Study on Education Improvement of Training Course of Teacher
教員養成課程における教育改善方法の検討

Group 1280077
Solution Continuing

Target Countries :

10 participants

Sector :Education/Tertiary Education

Sub-Sector :

Language :English

Appeal

This program offered to teachers who play leadership roles on teacher education and training, government officials, and researchers at teachers college and institution(college of education) who have experience more than 5 years in teacher-training, aims to formulate and implement a plan for the improvement of teacher-training program in their countries. Participants shall have opportunities to identify their own approaches and strategies to improve teachers-training education at the beginning and will also formulate and implement an action plan describing what the participants and their organization will do after they go back to home countries through putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities with continuous (3 years) technical assistance of lecturers (Professors). Since this course is designed as 3 years program, selected trainees are assumed to attend this program every year to improve and finalize their plans.

Objective/Output	Target Organization / Group
【Objectives】 This program is designed for participants to get ability to propose the effective method for improvement domestic teacher-training education by referring to Japanese teacher education system. 【Outputs】 (1) Understanding about education systems and techniques of various countries including Japan (2) Acquisition of usage of education technique (3) Acquisition of technique to improve in quality of teacher training education (4) Formulation of improvement plan of domestic teacher training education	【Target Organizations】 Department of Education, Teacher's college, University of Education, and the Organization which follow Teacher Training 【Target Group】 (1)Government officials/Researchers engaged in teacher-training (2)Officials/Researchers who hold, or will assume positions in charge of policy regarding teacher-training or planning on the contents of teacher-training program (3)Individuals with a good command of English

Contents		
(1)Lectures on education system, license system of teacher, and the course of study of Japanese teachers-training education. Inspection to elementary and junior high schools. (2)Lectures about process and technique of education. The experience of integrated learning (international understanding education, environmental education). Pronouncement exchange with the staff of the Board of Education (3)Acquisition of methods of education material collection and for information management. Actual survey of the management of teaching materials in school, Pronouncement exchange with school teachers. Inspection of institution related to education. (4)Presentation and discussion on improvement points of domestic education. Finally, improved program is obtained.	Program Period	2012/10/28 ～ 2012/11/17
	Implementing Partner	Miyagi University of Education
	JICA Center	JICA Tohoku
	Cooperation Period	2011～2014
	Remarks and Website	

Training Management in Vocational Training Institutions (for the Management and the Instructors)
職業訓練管理(管理者コース・指導員コース)

Group 1280345
Solution Continuing
15 participants

Target Countries :

Sector :Education/Technical and Vocational Education and Training

Sub-Sector :

Language :English

Appeal

≪The course for "the Management"≫
Offered to head masters or directors presently have responsibilities for management of public vocational training institutions
≪The course for "the Instructors"≫
Offered to instructors having enough experiences in industry field at public vocational training institutions

※ Participants for each course are expected to be from the same organization (Managers and Instructors from one TVET Institutions in one country)for enhancing the output of the program after returning back.

Objective/Output	Target Organization / Group
≪The course for "the Management"≫ 【Program Objective】 Enhance recognition about improvement in vocational institutions to manage more effectively, self-reliantly with keep the partnership with industries, and to draw up a feasible action plan. ≪The course for "the Instructors"≫ 【Program Objective】 Identify problems/issues of each training process by training management method based on PDCA cycle, and to make a plan for improving/upgrading training courses responded to needs of labor market at core vocational training institutes.	≪the Management course≫ ・Be ranked as a headship and be presently engaged in management of vocational training institution and be expected to work in the same field in future ・Be a graduate of university in engineering fields or equivalent ≪the Instructors course≫ ・To have the experience as vocational training instructors more than 8 years ≪common conditions≫ ・Have a competent command of spoken and written English. ・Must be in good health, physically and mentally ・Must not be serving any form of military service.

Contents

【Preliminary Phase】
(M/I) Job Report making, Preparation for presentation

【Core Phase in Japan】
[lecture/onsite study]
- (M/I) Vocational training management system in Japan
- (M) Leadership as a management and problem-solving
- (M) management for vocational training institutions
- (M/I) Framework of cooperation between public and private sector
- (I) Activities for improving training quality
- (M) Career guidance
- (M/I) Site visit to public vocational training center/industry
- (I) Method to develop effective training curriculum

[group discussions]
- (M/I) Job Report
- (M/I) Problem finding, analyzing
- (M/I) Action Plan

【Finalization Phase】
(M/I) Coaching for implementing Action Plan

Program Period	2012/ 6/19 ～ 2012/ 8/4
Implementing Partner	Overseas Vocational Training Association (OVTA)
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	≪Overseas Vocational Training Association≫ http://www.ovta.or.jp/

Administration for Occupational Skills Development
職業能力開発行政

Group 1280346
Solution Continuing
16 participants

Target Countries :

Sector :Education/Technical and Vocational Education and Training

Sub-Sector :

Language :English/Vietnamese

Appeal

Provide know-how/experience on each phase of frameworks and operations in vocational training field.

Objective/Output

【Program Objective】
Participants gather much and in depth from the know-how of the frameworks / operations of Human Resource Development (HRD) system as well as from facts about labor affairs in Japan, consequently, present a clear view of effective approaches to improve their HRD systems and finally make out Master (Action) Plan to be adopted in their countries.

【Objective for each unit】
・To recognize the outline and its policies of HRD administration as well as the situations/problems relating to the vocational education and skills evaluations.
・To find facts about the networking to promote HRD system and on the roles and commitment by the government and private sector.
・To develop the resolutions for solving the problems of HRD.

Target Organization / Group

1) Be ranked as at least a director general or a director of a department in the central government who is presently engaged in the human resource development administration,
2) Have the experience as human resource development administrators,
3) Be a graduate of university or equivalent.
4) Have a competent command of spoken and written English.
5) Must be in good health
6) Must not be serving any form of military service.
7) Be between the ages of thirty-five (35) and fifty (50) years

Contents

【Preliminary Phase】 Job Report making, Prepare for the presentation

【Core Phase in Japan】
[lecture and onsite study]
- Historical/social background of HRD policies and the outline of employment policies
- Public VT, TMC (PDCA) Promotion of skills and evaluation system
- Education and vocational training
- HRD under the cooperation with public and private sector
- Ability development for the aged and the disabled
- ToT for vocational training institutions

[group discussions/advice]
- Job Report
- Effective approach to the problems
- Qualitative analysis by SWOT

【Finalization Phase】 Coaching for implementing Action Plan

Program Period	2012/10/28 ～ 2012/11/17
Implementing Partner	For Vietnam course: JAVADA For Group course: OVTA
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	≪JAVADA HP≫ http://www.javada.or.jp/english/index.html ≪OVTA HP≫ http://www.ovta.or.jp/en/index.html

Practical Technology for Mechatronics and Robots
メカトロニクス･ロボット実践技術

Group 1280886
Trainers Updated
8 participants

Target Countries : All Countries

Sector :Education/Technical and Vocational Education and Training

Sub-Sector :Private Sector Development/Industrial Technology

Language :English

Appeal

This program is designed for educational institutions to enhance teacher's teaching skills of Practical Technology for Mechatronics and Robots to satisfy the demand of industries.

Objective/Output	Target Organization / Group
【Objective】 In vocational training institutions, colleges, and technical high schools, master plans related to technologies in mechatronics and robotics that are required in the market will be improved or prepared. 【Objective for each unit】 (1) To be able to explain basic knowledge and technologies of mechatronics. (2) To be able to explain each of the elemental technologies of mechatronics. (3) To be able to explain system control technologies and management technologies. (4) Master plans for instructions will be devised. (5) Draft master plans of educational instruction will be examined within organizations to which the applicants belong.	<Target Organization> Vocational Training Institutions, Colleges,Technical High Schools <Expected Job Title> be instructor-level educational staff at vocational training institutions as well as higher and technical educational institutions. <Expected Job Experiences> Experience in providing technical education and instruction in mechatronics and robotic technologies. <Expected Other Qualification> have received a bachelor's degree in mechanical engineering or electrical engineering or have academic abilities equivalent thereto

Contents		
<Preliminary Phase> Formulation and submission of reports to current situation of Participants' organization <Core Phase> Introductory Education/Description of Environment/ Mechatronics in machinery Industries/ Basic Principle of Control Engineering / Pneumatics System/Hydraulic System Basic of Inverter Technology/ Experiments of Electrical Servo Control/ C Language for Computer Control/MATLAB and application Variable Speed Electric Motor/Practice of Inverter Motor/ Introduction to Computerized Numerical Control/ Practice of Motion Control/ Sensor Technology/NC Machine Tool/Injection Molding Machine/ Practice of Industrial Robot Operation/ Robot for non-destructive inspection/ Factory Tour and High School Visits Preparation and Presentation of Action Plan <Finalization Phase> Formulation and submission of reports about present progress of Action Plan	Program Period	2013/ 1/21 ～ 2013/ 5/13
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Industrial Technology Education
産業技術教育

Group 1280891
Solution Updated

Target Countries :

10 participants

Sector :Education/Technical and Vocational Education and Training

Sub-Sector :

Language :English

Appeal

This program is designed for providing the people in developing countries with an understanding of the systems related to industrial technology education in Japan and content of the training and the training methods.

Objective/Output	Target Organization / Group
【Objective】 The participating organizations formulate action plans regarding teacher training curriculum and textbooks for industrial technology education, and propose the plan to authority concerned. 【Objective for each unit】 To explain current school education, industrial technology in Japan To explain the contents and method of industrial technology, education in Japan To explain teacher training for Industrial Technology Education, and selection of teaching materials in Japan To explain the linkage between education and economic development through the Japanese case To make an action plan to improve teacher training curriculum and textbooks for industrial technology education	-Ministry of Education, Ministry of TVET(Technical and Vocational Education Training, Ministry of Human Resources -Be officials in policy making for technology education in the educational administration of central or local government. -Experience in the relevant field: have more than 5 years' experience in the field of technology education in the educational administration -Have a competent command of spoken and written English. Be between the ages of twenty-five (25) and forty-five (45) years

Contents		
☐ School Education in Japan ☐ Educational Evaluation in Japan ☐ Japanese Industry ☐ Science and Technology Society ☐ Management of teacher training institutions ☐ Industrial Education ☐ Management of Industrial Education ☐ Teaching Materials ☐ Management of Industrial High School and Technical Junior College ☐ Teacher Training University ☐ Teacher Training System ☐ Selection of Teaching Materials ☐ Technology Education (Metalworking, Woodworking, Electricity, Cultivation, Information) ☐ Machinery Manufacturer ☐ Tool Manufacturer ☐ Electrical Machine Manufacturer ☐ Electronics Manufacturer ☐ Automobile Manufacturer ・Action Plan guidance ・Presentation of Action Plan	Program Period	2012/ 6/10 ～ 2012/ 7/21
	Implementing Partner	Aichi University of Education
	JICA Center	JICA Chubu
	Cooperation Period	2012～2014
	Remarks and Website	

Vocational Training for its Application to Business for Central and South America
中南米地域　産業と連携した職業訓練

Region-Focused　1284225
Leaders　Continuing
16　participants

Target Countries : Central and South American Countries

Sector : Education/Technical and Vocational Education and Training

Sub-Sector :

Language : Spanish

Appeal

This program is designed for principal or teacher of vocational training schools or industrial high schools, and governmental organization in charge of vocational training to strengthen their knowledge and techniques in order to improve the curriculum of vocational training for its application to practical business fields through learning Japanese vocational training.

Objective/Output

【Objective】
This program is designed to strengthen participant's knowledge and techniques in order to improve their curriculum of vocational training for its application to practical business fields.

【Output】
-To be able to analyze problems through learning system of vocational training, school, policy and educational institutions in Japan.
-To be able to analyze problems through learning vocational training ,method to gasp the needs of industry fields, modification of the curriculum for its application to business and collaboration of vocational training schools with industries and universities in Japan.
-To be able to analyze problems through learning required human resources and education in enterprise,
-To be able to analyze problems and propose an Action Plan for their organization.

Target Organization / Group

Head of Vocational training school and Industrial high school, or its teacher who is in charge of curriculum formulation, or administrator in central government, with more than 5 year experience

Contents

Measures and policy of vocational training in Japan and Kitakyushu,
Japanese system of vocational training,
system of technical education,
Japanese industrial structure,
system of education-industry-government linkage.
Vocational training school,
Industrial high school,
Polytechnic school,
Technical college,
Employment bureau,
Method of making curriculum,
evaluation of curriculum.
Company visiting,
Human resource management,
Coaching,
Management,
Quality control,
Cultivation of enterpriser,
Lecture and workshop of Break Trough thinking.
Job Report presentation,
Action Plan presentation,
Workshop.

Program Period	2013 / 1/27 ～ 2013 / 2/23
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2010～2012
Remarks and Website	

Practical Human Resource Development in Electrical and Electronic Engineering for Africa
アフリカ地域 実践的電気･電子技術者育成 －教育と現場技術の格差解消を目指して－

Region-Focused Solution | 1284347 New

Target Countries : African Countries

6 participants

Sector : Education/Technical and Vocational Education and Training

Sub-Sector : Private Sector Development/Industrial Technology

Language : English

Appeal

This program is designed to develop human resources who can integrate the gaps between education and actual technology in industry by enhancing practical teaching capacity in vocational school, polytechnic-school, technical college and high school. The purpose is to solve problem of "missing middle" in Africa by means of HRD in electrical and electronic engineering which is a main social infrastructure.

Objective/Output

【Program Objective】Aiming at elimination of technological gap between education and the field site in the electric and electronic fields, this training course will ensure that participant's organization share proposed improvement to teaching guidelines for teachers in vocational training schools, polytechnic institutes, and industrial high schools to enhance their training capability for practical electric and electronic technologies.

【Objective for each unit】
1. Understanding of personnel training and history of electric industries in Japan, vocational training, and education in companies to identify your own country's issues.
2. Understanding of basic element technology reflecting recent product configuration system and directions of technological development regarding electric and electronic applied technology
3. Understanding of electric facilities, such as motor-actuated machines, employing element technologies through experiment, practical training, or tour of inspection as well as understanding of their failure diagnosis and repair methods
4. Understanding of Japanese rules and regulations affecting electric and electronic appliances and organization and systems to comply with them to identify your own country's issues.
5. Preparation of improvement plan of teaching guideline to solve the issues in your organization in order to propose the plan to the organization

Target Organization / Group

Vocational school, polytech-school, technical college and high school
Teachers in electrical and electronic engineering at vocational school, polytech-school, technical college and high school
over 5 years' experience

Contents

<Preliminary Phase>
Formulation of job report on current situation of participants' country

<Core Phase>
・Learning of electric industry's history and vocational training systems through lectures or visits to companies. Learning of actual vocational training in Japanese polytechnic institutes and public institutes and companies.
・Acquisition of basic electric and electronic technology. Understanding of various motors, understanding of electric/electronic measuring technology and microcomputer technology, and acquisition of these technologies through operation of testing equipment.
・Acquisition of applied electric and electronic technology. Understanding of mechanism of motor-applied equipment such as pumps, blowers, compressors, or air conditioners, as well as failure diagnosis and possible cause identification.
・Learning of Japanese national license and other related qualification systems affecting electric and electronic technologies. Learning of various safety rules and regulations for electric and electronic products.
・Identification of problems that your country or organization faces and submission and implementation of the solutions to the problems.

<Finalization Phase>
Formulation and submission of report on present progress of Action Plan

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2012～2014
Remarks and Website	

Early Childhood Education in Central and West Africa
中西部アフリカ地域幼児教育

Region-Focused Trainers | 1284053 Updated | 10 participants

Target Countries : Countries in West and Central French-speaking Africa

Sector : Education/Early Childhood Development

Sub-Sector :

Language : French

Appeal

Ce programme a pour objet de fournir aux administrateurs en charge de l'education de la petite enfance (EPE) dans les pays francophones africains les connaissances specialisees sur l'etablissement d'un environnement qui favorise le developpement de la petite enfance (DPE). Les participants auront l'acces a la connaissance sur le concept de EFE ainsi que la politique et la pratique de DPE au Japon et au niveau international a travers les cours, ateliers et visite sur terrain.

Objective/Output	Target Organization / Group
Les administrateurs, enseignants a l'ecole de formation et initiateurs de EPE/DPE acquierent les connaissances et savoir-faire specialises sur l'education, soutien au developpement, accueil et soin des petits enfants. Rentres au pays, ils effectueront une restitution vis-a-vis la structure a la quelle ils appartiennt et les personnes concernees.	Administrateurs au gouvernement central et local en charge de EPE/DPE, enseignant a l'ecole de formation, personnes initiatrices de EPE/DPE Plus de cinq ans d'experience dans le domaine de EPE/DPE Muni d'un licence universitaire ou equivalent avec une specialite EPE/DPE. Cense de poursuivre sa carriere en EPE/DPE dans le futur.

Contents

1)Identifier les problemes et clarifier les enjeux EPE/DPE sur la base de recherches dans chaque pays participant. Expliquer egalement la situation EPE/DPE dans les autres pays.

2)Expliquer le concept fondamental, des methodes et la theorie constituant EPE/DPE, a savoir l'education adequate correspondant au degre de developpement de l'enfant, methode d'evaluation, etc.

3)Expliquer les mesures EPE/DPE (politique des ressources humaines , pratique chez les orgranisations internationales), les institutions, la coordination entre administrateur-puericulteur-parents.

4)Elaborer et presenter le Rapport interim qui decrit le plan de partage et dissemination des acquis du stage apres le retour au pays (periode, cible, contenu des activites sont inclus).

5)<Apres le stage>
Mettre en oeuvre les activites du plan d'action au pays. Rediger un Rapport final sur leur progres, des facteurs (de)favorisanst et le soumettre au responsible du programme et la JICA.

Program Period	2012 / 9 / 19 ～ 2012 / 10 / 20
Implementing Partner	Ochanomizu University
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2012～2014
Remarks and Website	

Expansion of Pre-Primary (Baby and Infant) Education for Middle East Countries
中東地域 乳･幼児を対象とした就学前教育の拡充

Region-Focused | 1284061
Trainers | Continuing
10 participants

Target Countries : Middle East Countries

Sector :Education/Early Childhood Development

Sub-Sector :

Language :Arabic

Appeal

In this training course participants understand the difference between Japan and their countries through the experience of the Japanese educational activity "Learn from play" to esteem child's autonomy and to improve the program. They have a discussion with JOCV to promote the cooperation of JOCV come from their home country.

Objective/Output	Target Organization / Group
【Objectives】 Plan for improving pre-primary education will be formulated and implemented from the viewpoint of children's own initiative and education through playing by participant's organization in collaboration with JOCV. 【Outputs】 1. To understand Japan's education system, policy, practical methods. 2. To formulate a study report including a draft plan for improving pre-primary education in participant's country or organization.	【Target Organizations】 Government organization in charge of pre-primary education, Preschool 【Target Group】 1.Senior officials in charge of pre-primary education of the target organizations, directors or teachers in charge of pre-primary education. 2.With more than 3 years of occupational experience in this field. 3.The person who has cooperation with JOCV is preferable 4. Under the age of 46 is preferable

Contents		
[Preliminary Phase] To clarify the situation and problems/issues on pre-primary education of respective countries with colleagues and JOCV. [Core Phase in Japan] 1. Presentation of the situation and problems/issues on pre-primary education of respective countries 2. Lectures on Japan's pre-primary law, education system, policy, education curriculum for teacher. 3. Observation of preschool, kindergarten, nursery school, and discussion with teachers and parents. [Finalization Phase] To share the study report with colleagues and JOCV, and finalize the report based on their comments.	Program Period	2012/11/26 ～ 2012/12/7
	Implementing Partner	Tsurumi University & Tsurumi Junior College
	JICA Center	JICA Yokohama
	Cooperation Period	2011～2013
	Remarks and Website	JOCV cooperation for pre-primary education is expected.

Improving Teaching Methods for Science and Mathematics in Primary Education
初等理数科教授法

Group 1280041
Trainers Continuing
12 participants

Target Countries :

Sector :Education/Primary Education

Sub-Sector :

Language :English

Appeal

In this training course, participants, who implement teacher training in primary school or Teacher Training Collage/Institute, will acquire effective teaching methods for science and mathematics to motivate students to learn. It consists of theoretical lectures and discussion by university lecturers, 2 weeks practice in Hokkaido University of Education Attached primary school, and on-site visit of educational institutions. In Experience-based practice in attached school, which is one of the main features in the course, participants will be divided into 2 groups, science and mathematics, observe lessons consecutively, and prepare practical lesson plans. Each group will make lesson plan, implement trial lessons and discuss them in lesson review meeting. Furthermore, they will do study lesson for Japanese children in attached school with their lesson plans under senior advisors and school teachers' teaching. Through these activities, they will learn basic elements, lesson development skills and teaching materials for valid lesson in science and mathematics.

Objective/Output	Target Organization / Group
Improved teaching methods in Science and Mathematics to stimulate students' learning motivation is diffused in the participants' organization. ①To understand Japanese education system regarding improvement of teaching method. ②To understand the procedure of fostering teachers, and the system and the contents of teacher training ③To understand the roles of the local community and relevant organizations toward motivating students' intention to study and improving teaching methods. ④To understand the method to improve the lessons in science and mathematics. ⑤To be able to make a lesson plan in order to stimulate students' learning motivation based on knowledge learned in the training program. To be able to make an action plan to share the improved methods with colleagues.	Target organization: Mathematics & Science section in Ministry of Education, the board of Education or primary school Target group: (1)Applicant should fulfill at least one of the following requirements; -Educational administrators responsible for improving school education -Senior teachers of primary schools -Teachers at teacher training institutions, (2)More than 5 years of teaching experience in Science and Mathematics at primary schools. (3)Graduate of university or equivalent educational background

Contents

<Preliminary Phase>
Preparation of inception report

<Phase in Japan>
(1)Lectures of Japanese education system, role of Curriculum Guideline system regarding, etc.
(2)Lectures and Observations regarding the curriculum and the training know-how of the university education and in-service training.
(3)Lectures and Observations of the system of school management, relationship with the education board, Parent-Teacher Association and so on.
(4)Understand the practical methods to improve lessons in science and mathematics such as lesson study, teaching material study and trial lesson through exercises and workshops.
(5)Practice to make an appropriate lesson plan in science and mathematics based on knowledge learned in unit 1-4. Making an action plan.

<Finalization>
Submit the progress report within 3 months after the training in Japan.

Program Period	2012 / 6 / 6 ～ 2012 / 7 / 21
Implementing Partner	Hokkaido University of Education
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	Program period: (A)June 6 to July 21 for 12 participants (B)October 3 to November 17 for 12 participants

Improving Teaching Methods in Mathematics in Primary Education
初等教育の質向上のための算数教授法改善

Group 1280078
Solution Continuing

Target Countries :

12 participants

Sector :Education/Primary Education

Sub-Sector :

Language :English

Appeal

To share, discuss and approve the Action Plan (draft) in the respective participants' organizations which explains better teacher training for improving students' mathematical thinking and independent learning.

Objective/Output	Target Organization / Group
【Objective】 To share, discuss and approve the Action Plan (draft) in the respective participants' organizations which explains better teacher training for improving students' mathematical thinking and independent learning. 【Expected Results】 (1) To understand and explain education curriculum in Japan as well as the role of Lesson Study in pre/in-service teacher training. (2) To explain how to gain mathematical knowledge as well as forming students' characteristics through "learning for themselves." (3) To propose better methods of mathematics textbooks, teaching materials, and curriculum in participants' respective countries. (4) To propose better teaching methods by understanding mathematics teaching methods in Japan through the experience of Lesson Study. (5) To develop Action Plan (draft) for teacher training in participants' respective organizations.	【Target Organizations】 university of Education, pre/in-service primary education teacher training organizations, educational administrations responsible for improving school education 【Target Group】 Professor of university of Education, Teacher of pre-service primary education teacher training organizations, instructor of in-service primary education teacher training organizations, educational administrator responsible for improving school education

Contents		
【Preliminary Phase】 ・To make Inception Report 【Core Phase in Japan】 (1)～(4)To acquire the necessary skills and techniques for improving teaching methods in Mathematics in primary education through lectures, discussions, practical exercises, school visits, etc. ・realization of education curriculum all over Japan (criteria of curriculum, textbook authorization system, achievement test etc...) ・pre/in-service teacher training system in Japan ・mathematics textbook in Japan and that in participants' respective countries ・Lesson Plan, Lesson Study (5)To make and present Action Plan 【Finalization Phase】 ・To share and discuss the Action Plan(draft) in the participants' respective organizations ・To make and submit Final Report (within 6 months since returning home country)	Program Period	2013 / 1/20 ～ 2013 / 3/2
	Implementing Partner	Center for Research on International Cooperation in Educational Development (CRICED), University of Tsukuba
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.criced.tsukuba.ac.jp/renkei/

South Asia Quality Improvement of Primary Science Education ("Teaching and Learning" at on-site Education)
南アジア地域 小学校理科教育の質的向上（「教えと学び」の現場教育）

Region-Focused Trainers | 1284009 Updated

8 participants

Target Countries : Southern Asia Region

Sector : Education/Primary Education

Sub-Sector :

Language : English

Appeal

In addition to learning methodology of making lesson plan applying developed simple experiment,participants will develop their skills on curriculum construction through making lesson plan considering an unit as well. Moreover,due to its geographical condition, TOKACHI area has comparative advantage in experience of small scale education in remote area and those experiences will be shared with participants.

Objective/Output

【Objective】
Skills on making lesson plan considering an unit and teaching method introducing simple experiment will be shared

【Objective for each unit】
(1)To understand current science education in Japan and consider how to apply Japanese method to their own countries.
(2)To obtain the general knowledge of science experiments related to primary education and apply to their own classes
(3)To be able to make lesson plans which are appropriate for pupil's learning stage and includes basic elements,such as issues,process,and class evaluation.
(4)To make a lesson plan which includes simple experiment considering an unit.

Target Organization / Group

【Target group】
Teacher training institutions
Those who has knowledge and experience on curriculum development,teaching method,education policy and system.

【Target group】
・have knowledge on curriculum development,teaching methodology and national policy in the field of primary science education.
・More than 5 year practical teaching experience as a teachers instructor.
・Be involved in simple experiment development and dissemination on primary science education.

Contents

【Preliminary phase】
(1) Draft of lesson plan will be submitted together with a science textbook which includes information on unit.
(2) Inception report which includes facing issues and problems will be submitted.

【Core phase】
Lectures,practices and observations for each unit are as follows.
(1)Visit to primary,junior high,high school and social education organizations and participation in a training of teachers training institute.
(2)Simple science experiment by using accessible materials,Introduction of simple experiments materials,Development of simple experiments materials.
(3)Official Guideline for school teaching,Instruction on designing of lesson plan.
(4)Formulation of interim report including specific action plan after returning, Guidance for preparation of interim report,Interim report presentation.

【Finalization phase】
Reporting in home country,Authorization the action plan,Submission of the final report within 6 months.

Program Period	2012/10/ 8 ～ 2012/12/15
Implementing Partner	Hokkaido University of Education,KUSHIRO Campus
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2012～2014
Remarks and Website	

Development of Teaching Skills of Teachers in Mathematics for Latin American Countries
中南米地域　算数科における教員の授業実践能力の向上

Region-Focused　1284020
Solution　Continuing

Target Countries : Latin America　8 participants

Sector : Education/Primary Education

Sub-Sector :

Language : Spanish

Appeal

Participants will understand Japanese method in lesson planning and practices through lectures and workshops, make an action plan for quality development of education in their area, and consider approaches for implementation of the plan with associated.

Objective/Output	Target Organization / Group
【Objective】 Action plan for student-centered lesson improvement which focused on development of teaching skills of teachers is approved in participants' organization, and is implemented at a core elementary school in their area. 【Outputs】 (1) Participants organize and analyze issues on mathematics education in respective countries and organizations which participants belong to. (2) Participants understand a brief overview of mathematics education in Japan including history, system, curriculum, and a situation in schools. (3) Participants understand lesson planning and process of improvement in Japan through making math lesson plan and trial lesson study. (4) Participants make an action plan for improvement of mathematics education in respective areas and organizations which participants belong to, and the plan is approved by respective organizations.	【Target Organization】 (1) Local Education Office (2) Local institution of In-service Training (3) Core Elementary School (institution of primary education) in territory of (1) or (2) 【Target Group】 (1) Current duties: 1) Educational administrators in mathematics 2) Officials of In-service institution in charge of the area of mathematics 3) Senior mathematics teacher of core elementary school in the area of 1) or 2) (2) To have more than 5 years of teaching experience in Mathematics in primary school

Contents

【Preparatory Phase】
(1) Preparation of Inception Report

【Core Phase in Japan】
(1) Presentation of Inception Report
(2) Educational system and administration in Japan, History of Education in Japan, Characteristics of the guidelines for the course of study and curriculum, Roles and systems of in-service training of teachers (Workshop, Lecture)
(3) School visits, making lesson plan (educational material development, use of blackboard etc.), and a trial lesson study
(4) Completion and presentation of reports and action plans

【Post Program Activity】
(1) Report in participants' organization and deliberation on its implementation
(2) Submission of Final Report on the progress of implementing action plan
(3) Presentation at TV conference on progress report of action plan

Program Period	2012/11/ 4 ～ 2012/11/23
Implementing Partner	JICA Tsukuba
JICA Center	JICA Tsukuba (Training&Partnership)
Cooperation Period	2011～2013
Remarks and Website	It is preferable that participants' organizations have a close working relationship so that they could cooperate together in implementing action plans.

Diffusion of Self-sustaining Training on Mathematics Education in Primary and Secondary School in Pacific Island States
大洋州地域における算数・数学教育教授法改善に向けた自立的研修の普及

Region-Focused Trainers | 1284037 Updated

10 participants

Target Countries : Pacific island countries

Sector : Education/Primary Education

Sub-Sector : Education/Lower Secondary Education

Language : English

Appeal

The program is designed for officers/trainers in curriculum development and teachers training of mathematics education to obtain skills for organizing self-sustaining training at schools in local areas.

Objective/Output

【Course Objective】
Participants' organizations would make the action plan and implement teachers' training at local schools and communities to improve mathematics education based on the knowledge and skills acquired in Japan.

【Expected Module Output】
1: Participants understand theories and methodology of mathematics education and arrange problems in their countries (curriculum, textbook, teaching method, etc.) in order.
2: Through visiting sites where theories of mathematics education are applied, participants arrange problems and concerns regarding application of theories to practical situations.
3: Participants obtain capacity for instructional design, textbook development, teaching plan and class evaluation.
4: Participants gain capacity for facilitation at in-school training.
5: Participants make action plans to implement self-sustaining training for the betterment of mathematics education by utilizing lessons learned in this program.

Target Organization / Group

【Target Organizations】
The educational institutions engaging in teacher's training in the field of mathematics, that accepted or currently accepting JICA volunteers.

【Target Groups】
-Instructors or staffs in teachers' training institutions. Head teachers conducting teachers' training in schools
-Those who have more than 3 years practical experience in the relevant field
-Those who are engaging or engaged with JICA project are prioritized

Contents

【Preliminary Phase in home country】
Preparation of inception report.

【Core Phase in Japan】
1: Inception report presentation, educational system and problems of mathematics education in Japan, problems in other countries, curriculum of mathematics education, method of research on teaching materials, teaching plan and lesson study of mathematics education.
2: Site visit for teaching practice in Japan and discussion.
3: Make instructional design, textbook, teaching plan, practice the class and class evaluation.
4: Practice in-school training and discussion.
5: Work out training report (including teaching plan and textbook), action plan and presentation.

【Finalization Phase in home country】
To revise and finalize of Action Plan in the participant's organization and submission of final plan to JICA overseas office(within 3 months after the training) and implement the Action Plan.

Program Period	2012 / 5/23 ～ 2012 / 7/7
Implementing Partner	Naruto University of Education
JICA Center	JICA Shikoku
Cooperation Period	2012～2014
Remarks and Website	URL; http://www.naruto-u.ac.jp/english/

Improvement of Lesson Evaluation in Science for English-speaking Sub-Sahara African Countries
英語圏サブサハラアフリカ理科授業評価改善

Region-Focused Solution | 1284083 Continuing

Target Countries : English-speaking Sub-Sahara African Countries

15 participants

Sector : Education/Primary Education

Sub-Sector :

Language : English

Appeal

This program starts by sharing the issues and challenges on science education at primary level in Japan and African countries. The participants learn the way to conduct the "leaner centered lesson" through the observation of science education at schools in Japan. They also learn how to develop experimental equipment and materials applicable to African countries. At the last of the training, participants implement trial lessons with several inputs learned during the course and evaluate the lessons among participants.

Objective/Output

<Course Objective>
Practical and applicable primary science lessons and lesson evaluation methods based on the idea of "leaner centered lesson" are introduced and developed in teachers training institutions.

<Expected Module Outputs>
(1) The issues and challenges on science education at primary level in the participant's country will be discussed preliminarily.
(2) Through visiting science museums and academic institutions, the participants will learn how to develop experimental equipment and materials applicable to their countries.
(3) Through observing science lessons at primary and junior high schools in Japan, the participants will learn how to conduct "leaner centered lesson" and the practical way to evaluate lessons among teachers.
(4) The trial lessons in science will be conducted by participants and evaluated among them with the viewpoints of "leaner centered lesson" and experiment based lesson.

Target Organization / Group

<Target Organization>
Teachers training institutions in science at primary education

<Target Group>
-Trainers, instructors or school inspectors of teachers training in science at primary education

-More than 3 years' experience in the above mentioned field

-Those who belongs to the counterpart (or related) organization of Japanese bilateral cooperation

Contents

<Activity in Preliminary Phase in home country>
Shooting on science lesson at primary level as a sample in a participant's country and submission of evaluation report about the lesson sample

<Activity in Core Phase in Japan>
(1) Lectures on Japanese lessons, Lesson evaluation, Lesson study etc.
(2) Development of equipment and materials applicable for science education in participants' countries
(3) Observation of science lessons at primary and junior high schools
(4) Planning and implementation of trial lessons and evaluation of them among participants
(5) Development of action plan

<Activity in Finalization Phase in home country>
-Reporting of action plan at their working place
-Submission of final report 6 months after the training

Program Period	2012 / 9 / 3 ～ 2012 / 9 / 29
Implementing Partner	Osaka Kyoiku University
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	Osaka Kyoiku University http://osaka-kyoiku.ac.jp/en/index.html

Improvement of Quality of Education through Lesson Study in Asia
アジア地域授業研究による教育の質的向上

Region-Focused Trainers | 1284090 Continuing | 12 participants

Target Countries : Asia

Sector :Education/Primary Education

Sub-Sector :

Language :English

Appeal

This training is designed for the personnel on the primary or basic education fields (Mathematics or Science) to improve deeper understanding and facilitation skills of Lesson Study for improvement of quality education

Objective/Output	Target Organization / Group
【Course Objective】 To design and implement Action Plan to share and conduct Lesson Study which enhances the quality of teachers. 【Expected Outputs】 1. To analyze the existing system and to develop a new vision of Lesson Study, in comparison with the cases of Japan and other countries 2. To acquire deeper understanding and facilitation skills of Lesson Study (especially lesson planning, lesson observation and post-lesson reflection session) to realize the above vision 3. To prepare Action Plan based on these points.	【Target Organizations】Primary (Basic) school, Pre or In-service teacher training institution, Educational administrative office 【Target group】Under field of math or science 1)Teacher or educational officer who supervises quality of lesson such as advisory teacher (pedagogical inspector/school supervisor), Instructor of Pre or In-service teacher training institution, head or senior teacher of primary (basic) school 2)Have more than 5 years experiences in 1) 3)Have sufficient command of English to make an oral presentation and write a report.

Contents

【Preliminary Phase】
-Elaboration of Lesson Plan
-Elaboration of Job Report regarding current issue of Lesson study

【Core Phase in Japan】
-Job Report presentation
-Outline of Japanese Education
-Outline of Japanese Lesson Study
-Lesson Plan analysis (Mathematics and Science)
-Lesson analysis (Mathematics and Science)
-Lesson observation (Mathematics and Science)
-Elaboration of Action Plan and discussion about it

【Finalization Phase】
-Sharing, revising and implementing the Action Plan
-Submission of Progress Report to JICA.

Program Period	2012 / 8 / 23 ～ 2012 / 9 / 24
Implementing Partner	Hiroshima University etc,
JICA Center	JICA Chugoku
Cooperation Period	2010～2012
Remarks and Website	Those who are recommended by JICA technical cooperation will be preferable.

Improvement of Pedagogy for Science and Mathematics Education for Francophone Countries in Africa
仏語圏アフリカ 理数科分野における教授法/教科指導法改善研修

Region-Focused Solution | 1284157 Continuing

10 participants

Target Countries : Francophone countries in Africa

Sector : Education/Primary Education

Sub-Sector : Education/Lower Secondary Education

Language : French

Appeal

This training program aims at capacity development of inspectors and trainers who plan and instruct in-service teacher training and instruct teachers' lesson improvement in order to improve teachers' pedagogy for science and mathematics education. This program put more emphasis on improvement of teacher's pedagogy to meet its high demand in Francophone countries in Africa.

Objective/Output

【Course Objective】
Participants make action plan to improve teacher's lesson in science and mathematics education and share the plan in their belonging organizations.

【Expected Module Output】
1: Participants are able to clarify issues regarding teacher training in their own countries.
2: Participants are able to explain techniques for lesson observation and demonstration lesson.
3: Participants are able to explain techniques to plan, implement and improve science and mathematics lesson.
4: Participants make action plan based on the system of in-service teacher training and its examples in Japan.
5: Participants share the action plans and improve the contents based on the discussion with their belonging organization.

Target Organization / Group

【Target Organizations】
The educational institutions or schools engaging in teachers' training in the field of science and mathematics.

【Target Groups】
-Inspectors, teacher trainers and school principals who are in charge of in-service teacher training and teachers' lesson improvement.
-Those who have more than 5 years' experience in the above field and also have more than 5 years' experience as school teachers.
-Those who are collaborating with JICA project (including JICA Volunteer) are prioritized.

Contents

【Preliminary Phase in home country】
To identify issues in own organization and prepare inception report.

【Core Phase in Japan】
(Lectures, Practices, Field visit, Discussion and Presentation)
1: Inception report presentation, workshop for sharing problems of each country.
2: Practice for class observation and analysis, class observation at primary schools in Japan, lectures on lesson study.
3: Practice for unit teaching plan and lesson plan, Practice of simulating lesson for demonstration lesson, Practice of post lesson conference to improve the lesson.
4: Lecture on education system in Japan, Site visit and discussion for lesson study at primary and secondary school, Lecture, site visit and discussion regarding the role of board of education in school-based INSET. Practice for making training plan for teachers.
5: Making action plan for in-service teacher training at central and regional level and school-based training.

【Finalization Phase in home country】
1: Presentation of action plan for own organization and collecting feedback.
2: Revise Action Plan and make final version for implementation.

Program Period	2013 / 1/17 ～ 2013 / 2/16
Implementing Partner	Naruto University of Education
JICA Center	JICA Shikoku
Cooperation Period	2011～2013
Remarks and Website	URL; http://www.naruto-u.ac.jp/english/

Seminar for Mathematics Lesson Evaluation
アフリカ地域　算数数学授業評価セミナー

Region-Focused Trainers | 1284158 Continuing | 15 participants

Target Countries : English speaking countries in Africa

Sector : Education/Primary Education

Sub-Sector : Education/Primary Education

Language : English

Appeal

To improve lesson it should be pointed out and feedback to teacher by advisor who has exact view of lesson evaluation.If they are to formulate viewpoints to observe lesson,it has a great influence on teachers how to conduct lessons.In this program,participants' viewpoints on lesson evaluation are formulated,and be able to make exact comment and advise at evaluation stage of Lesson Study,by actually observing many child-centered problem solving approach lesson that are unique to Japan.

Objective/Output

【Objectives】
To enhance participants' organization ability for lesson evaluation by formulating viewpoints on lesson evaluation of participants

【Output】
(1)To share the viewpoints of lesson evaluation.
(2)To understand elements of a "good lesson" in Japan.
(3)To practice lesson evaluation in mathematics.
(4)To understand "study of teaching contents*.
*Study of teaching contents" is called "Kyozai-kenkyu" in Japan, which is a critical step for effective lesson delivery.
(5)To formulate viewpoints of lesson evaluation

Target Organization / Group

【Target Group】
(1) Current Duties: be in charge of teacher education and training or lesson monitoring in the central administration of education (Ministry of education or attached research /training institute.

(2) Experience in the relevant field: whichever a, b or c.
a) Have more than 2 years' experience of teacher of Mathematics.
b) Have more than 3 years' experience of in-service teacher training of Mathematics.
c) Have more than 3 years' experience of pre-service teacher training of Mathematics.

Contents

(Under planning)
【Preparatory Phase】
Formulate Inception Report

【Phase in Japan】
(1)Presentation of Inception Report, Pre-evaluation of Video recorded lesson.
(2)Educational system and educational policy in Japan, Characteristics of a mathematics lesson in Japan and its educational value,Viewpoints of lesson evaluation: Basic structure of lesson in mathematics.
(3)Theory of educational evaluation and lesson evaluation,Lesson observation and evaluation at primary schools, Discussion and exchange of ideas.
(4)Lesson observation and evaluation at primary schools, Importance of lesson preparation,Relationship between textbook, curriculum and lesson, Writing a lesson plan, Demonstration of a lesson
(5)To clarify the viewpoints of lesson evaluation, Post-evaluation of video-recorded lesson, Make an "Action Plan".

【Finalization Phase】
Formulate progress report

Program Period	2012 / 8 / 22 ～ 2012 / 9 / 15
Implementing Partner	Tokyo Gakugei University
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2011～2013
Remarks and Website	It is preferable that person involved in any technical projects of Mathematics education.

Improvement of Teaching Methodology in Primary Science and Mathematics for Sub-Saharan Africa
アフリカ地域 初等理数科教授法改善

Region-Focused Leaders | 1284259 Continuing

12 participants

Target Countries : Sub-Saharan African countries with JICA educational cooperation

Sector :Education/Primary Education

Sub-Sector :

Language :English

Appeal

This program aims to enhance the capacity of training participants in conducting leaner-centered lessons in the field of primary science and mathematics through acquiring the techniques for preparation of effective lesson plan and teaching/learning materials. The program is very practical, which consists of lesson demonstration, lectures for lesson plan preparation, blackboard writing skill and study on teaching materials.

Objective/Output	Target Organization / Group
<Course Objective> This program aims to enhance the capacity of training participants in conducting learner-centered lessons in the field of primary science and mathematics through acquiring the techniques for preparation of effective lesson plan and teaching/learning material. <Objective for each unit> Expected Output 1:Job Report and sample lesson plan are prepared. Expected Output 2:Skills and knowledge to prepare lesson plan and teaching material for leaner-centered teaching is acquired. Expected Output 3:Skills and knowledge of lesson study is acquired to improve the quality of lessons. Expected Output 4:A teacher's handbook on leaner-centered lesson preparation in primary science and mathematics education is prepared, based on the skills and knowledge acquired in Japan. Expected Output 5:Progress report is submitted which described how the handbook is utilized.	<Target Organization>Organization which is responsible for ensuring quality primary education in science and mathematics such as primary school, teacher training institutions and local educational administration office <Expected Job Experience>Those who are in position to take leadership role at respective organization, with minimum 3 years teaching experience of science or math <Other Qualifications> Nomination of C/P of JICA volunteer/project is strongly recommended

Contents		
<Preliminary activity in home country> - Preparation and submission of Job Report and sample lesson plan. - Presentation of Job Report <Program in Japan> - Lesson Demonstration - Lecture on Outline of Science and Mathematics Education in Japan - Visit educational institutions - Preparation of Lesson Plan and Teaching/Learning Materials - Lesson Analysis Method - Practice of Lesson and Post-Lesson Discussion - Preparation of a teacher's handbook which includes acquired knowledge and skills for conducting learner-centered lessons in the field of primary science and mathematics <Post program in home country> Preparation of the progress report which describes how the handbook has been utilized	Program Period	2013 / 1/ 6 ～ 2013 / 3/5
	Implementing Partner	Okayama University
	JICA Center	JICA Chugoku
	Cooperation Period	2011～2013
	Remarks and Website	

Teacher Education for Basic Education of African Countries
アフリカ地域 教師教育 (基礎教育分野)

Region-Focused Solution | 1284335 Continuing

17 participants

Target Countries : African Countries

Sector : Education/Primary Education

Sub-Sector :

Language : English/French

Appeal

This program provides information and facilitation to satisfy various needs on teacher education for basic education, which shall be effective for those who have clear objectives. There are also many things that Japanese professionals should learn from African countries experience. We make chances to discuss between participants and Japanese professionals to build a relationship to learn mutually and continuously.

Objective/Output	Target Organization / Group
<Course Objective> Issues will be clarified in educational institutions or governmental organizations which are in charge of teacher education for basic education and action plan to improve the systems and methods will be formulated and implemented. <Expected Module Outputs> 1. Issues of participating organization on teacher education for basic education will be analyzed preliminarily. 2-1. Issues of participating organization on quality of education in basic education will be clarified. 2-2 Issues of participating organization on teacher education for basic education will be clarified. 3. Action Plan to improve the systems and methods on teacher education for basic education in participating organization will be formulated.	<Target Organization> Educational institution or governmental organization in charge of teacher education (Pre-service and/or In-service) for basic education <Target Group> -Instructor of institute of teacher education or local government officials in charge of planning of course design or course planning of teacher education -More than Five-years' experience in related field -Forty-five years old or younger

Contents		
<Activity in Preliminary Phase in home country> Submission of report to present current situation and issue analysis in the participant's countries. <Activity in Core Phase in Japan> (1) Lectures on histories and challenge to improve quality of education of basic education in Japan (2) Lectures on outline, issues and challenges of basic education in Japan (3) Discussion on the issues on teacher education for basic education in each country (4) Planning and presentation of action plan <Activity in Finalization Phase in home country> -Reporting of the action plan at their working place -Submission of progress report about the implementation of the action plan 6 months after the training	Program Period	2012/11/12 ～ 2012/12/15
	Implementing Partner	Kagoshima University
	JICA Center	JICA Kansai (II) /JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	Kagoshima University http://kokusai.kuas.kagoshima-u.ac.jp/kucip/

Literacy Education for Adults
成人識字教育

Group 1280057
Solution Continuing

Target Countries :

7 participants

Sector :Education/Nonformal Education

Sub-Sector :

Language :English

Appeal

This training is designed to improve the structure and teaching methods in literacy education for adults with social disadvantages. The course structure is combined with lectures, discussion and several field visits to literacy classes and community learning centers in Japan and Thailand.

Objective/Output	Target Organization / Group
<Course Objective> Action plan to improve the effectiveness of literacy education for adults will be drafted and implemented in government organization or educational institutions which provide literacy education services mainly for adults with social disadvantages. <Expected Module Outputs> Participants will be able to; (1) analyze the current situation and issues of the participating organizations preliminary at the training phase in Thailand. (2) consider measures to enhance the effectiveness of literacy education based on the analysis of several examples in Japan, Thailand and the other participating countries. (3) formulate and implement action plan to improve the effectiveness of literacy education for adults in participating organizations.	<Target Organization> Administrative organs or educational institutions executing Literacy Education for adults who are socially in disadvantageous position. <Target Group> -Position: Middle-class teachers or officials of target organization -Experience: More than five-year experience in the curriculum development or teaching in the field of Adult Literacy Education.

Contents		
<Activity in Preliminary Phase in home country> Submission of Country Report <Activity in Preliminary Phase in Thailand> Workshop: Issue analysis workshop Lecture: Present situation and trend of literacy education for adults in the world/ Education system in Thailand Observation: Literacy education for adults in community learning centers(CLC) Discussion: Comparison and lesson analysis <Activity in Core Phase in Japan> Observation: Literacy education for adults at night junior high schools and community learning centers Lecture: Education system in Japan Discussion: Comparison and lesson analysis Practice: Formulation and presentation of action plan <Activity in Finalization Phase in home country> -Discussion in the participating organizations to implement action plan -Submission of final report	Program Period	2013 / 2/20 ～ 2013 / 3/23
	Implementing Partner	Osaka Kyoiku University
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	Website of Osaka Kyoiku University: http://osaka-kyoiku.ac.jp/en/index.html

Education Administration and Finance: Focused on Quality and Equity of Basic Education
教育行財政-基礎教育の質と格差に焦点を当て-

Group 1280022
Solution Continuing

Target Countries :

13 participants

Sector :Education/Education Administration

Sub-Sector :

Language :English

Appeal

Provide support on preparation of reform plan and pilot project in order to promote high quality of basic education and reduce gender disparity efficiently.

Objective/Output	Target Organization / Group
To promote quality and gender equity in basic education in a national education strategy of each country, a reform action plan will be prepared and examined by the organizations to which participants belong. 1 Through the presentation of inception report and its discussion about education administration/finance, education quality and gender equity, the participants will understand the current status of their countries. 2 The participants will have in-depth understanding of the Japanese educational experiences through listening lectures and visiting education offices and local schools. 3 Based on social contexts of each country, participants will learn through lectures and discussions on various topics including policy level, community level and school level. 4 Making interim report to promote quality of education and gender/regional parity in basic education 5 Presentation and examination of the interim report by the organizations to which participants belong	Department which is in charge of educational policy and finance. Governmental officer who is in charge of educational policy and finance in national or regional field, who has authority to implement policy of national or department. Job experience : more than 3 years Education: graduate university Those who can communicate in English

Contents		
1.1(Before coming to Japan)Drafting inception report and presentation materials that include current situations on education quality and girls' education of each country 1.2 Presentations and discussion for inception report 1.3 Discussion from education administration and finance 2.1 Lectures on Japanese educational experiences (e.g., history, transition of policies, educational administration/finance in current situations, engagement for improvement of education quality, school health program, and school feeding program) 2.2 Visiting primary schools, local administrative offices, and MEXT. 3.1 Effects and issues of school fees abolition 3.2 Management of educational expenditures 3.3 Multi-sectoral approach for child-friendly environment 4.1 Making interim report to promote gender parity. 4.2 Presentation of interim report 5 (After return home) 5 Presentation and examination of the interim report by the organizations to which participants belong	Program Period	2012 / 5/28 ～ 2012 / 7/14
	Implementing Partner	Kobe University
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	

Education Administration for Reducing Disparities in Basic Education
基礎教育における格差対策のための教育行政強化

Group 1280054
Solution Continuing
17 participants

Target Countries :

Sector :Education/Education Administration

Sub-Sector :

Language :English

Appeal

This program is designed to formulate plans for reducing domestic disparities in basic education through analysis on the experience of Japan such as measures on education for all, its administration system, and the case of Okinawa Prefecture including post-war reconstruction and measures for its remote area and education for the challenged.

Objective/Output	Target Organization / Group
【Objective】 Issues on domestic disparities in basic education will be clarified, and draft plans for reducing them will be formulated. 【Output】 (1) Clarify the issues and constraints on basic education in terms of disparity of respective countries by comparing with those of Japan (2) Analyze the measure for improvement of disparity on basic education between central and remote area and disabled children by reference of the case and experience of Okinawa Prefecture (one of regional governments in Japan) including the roles of community participation (3) Formulate a feasible action plan to reduce disparity on basic education in respective countries	【Target Organization】 Department of Basic Education, Ministry of Education 【Target Group】 (1)those who are in a position of policy making and planning of programs in basic education at Ministry of Education (2)more than five(5) years of experience of administration in basic education (3)be university graduate or equivalent (4)have a good command of English enough to make an oral presentation and write a report

Contents		
<Preliminary Phase in a participant's home country > Formulation and submission of Job Report <Core Phase> (activities in Japan) (1)1.Issue analysis (exercise), 2.Education administration system in Japan(lecture, observation and discussion), 3.Laws, regulations and finance (lec and dsc) 4.Measures for remote area (lec, obs, and dsc), 5.Special education for the challenged (lec, obs and dsc), 6.Case study of Okinawa (lec, obs and dsc), 7.PDM(exc) (2)1.Education administration system in Japan(lecture, observation and discussion), 2.Laws, regulations and finance (lec and dsc) 3.Measures for remote area (lec, obs, and dsc), 4.Special education for the challenged (lec, obs and dsc), 5. Measures for remote area by community (lec and obs) (3)1.Project Design Matrix Method (exc) <Finalization Phase >(activities in home country) Within 6 months from the end of the course in Japan, participants are required to implement the plan proposed in the Action plan and report the progress. Okinawa International Exchange & Human Resources Development Foundation	Program Period	2012/10/17 ～ 2012/11/17
	Implementing Partner	Okinawa International Exchange and Human Resources Foundation
	JICA Center	JICA Okinawa
	Cooperation Period	2010～2012
	Remarks and Website	Participants: be related with JICA programs in this field will be preferable.

Capacity Development for Policy Analysis Using Research Results and Field Knowledge for Education Quality Improvement
研究成果と現場の知見を生かした教育の質的向上のための政策分析能力開発

Group 1280130
Solution Updated
16 participants

Target Countries : Have interest in edu. policy analysis to improve edu. quality

Sector : Education/Education Administration

Sub-Sector : Education/Primary Education

Language : English

Appeal

Education cooperation to achieve the MDGs increasingly uses holistic policy support and modality where aid money is released conditional on policy actions. This training will equip participants with critical skills to bring rich field knowledge of Japan's education cooperation and research results into policy processes for education quality improvement, to nurture leadership and ownership of the countries.

Objective/Output

To equip participants with critical skills to bring field knowledge of education cooperation and development and research results of universities as evidence into policy processes for education quality improvement, to nurture leadership and ownership of the countries, by:

1. Understanding realities of a shift in education cooperation from a traditional project approach that addresses specific issues to harmonized comprehensive policy support where aid resource is released conditional on policy actions.

2. Developing a bottom-up perspective to use research results and field knowledge for informing the formulation of policy measures.

3. Developing a top-down perspective to translate policy objectives into policy measures for quality improvement on the ground.

4. Produce an education policy matrix incorporating the learning as above.

5. Understanding importance of building the partnership among policy-makers, researchers and the field through the policy processes.

Target Organization / Group

Organization:
Ministry of Education of a country that has strong interest in the education policy framework as a basis of international cooperation, committed to institutionalize policy analysis as a means to improve education quality.

Individuals:
MoE staff who works for aid coordination, education planning and education projects, or researchers in the areas of education development and policies.

Contents

Before training, participants prepare a country report that discusses education sector plan and policy and measures for education quality improvement, and discuss it among the organization.
During the training in Japan, participants will:
1. Learn the trend of international education cooperation and the practice of policy lending.
2. Present the country report and understand education policy issues from other participants.
3. Understand relationship between problem-solving on the ground and achieving policy objectives.
4. Understand how to link research results and policy planning and analysis.
5. Have discussions with Japanese practitioners of education cooperation at the workshop
6. Understand methods and practice of education policy and institutional analyses
7. Produce and present an education policy matrix
8. Prepare a report summarizing learning

Supplementary training at the third country
After training:
participants discuss the policy matrix with staff of Ministry of Education and make necessary revisions, share the learning, and produce the final report.

Program Period	2012/10/22 ～ 2012/11/24
Implementing Partner	Hiroshima University
JICA Center	JICA Chugoku
Cooperation Period	2012～2014
Remarks and Website	Members of Africa-Asia University Dialogue network, for which Hiroshima University serves as secretariat, will assist. http://home.hiroshima-u.ac.jp/cice/

Strengthening of Local Education for SMASE-WECSA in Sub-Saharan Africa
サブサハラアフリカ地域 地方教育強化(SMASE-WECSA)

Region-Focused Solution | 1284190 Continuing

12 participants

Target Countries : SMASE-WECSA member countries in Sub-Saharan Africa

Sector :Education/Education Administration

Sub-Sector :

Language :English

Appeal

The program is designed for educational administrator, teacher of teacher training institute and high position of school, and aims that the participants will acquire knowledge and know-hows for improvement/strengthening of INSET in Japan. Many lectures will be taught by teacher's consultants of Sapporo Education Center, which implement teacher training in Sapporo, and participants will learn actual cases of teacher training system and establish the application into their home country.

Objective/Output	Target Organization / Group
【Objective】 The plan which aims at improvement and/or strengthening of In-Service Education and training(INSET) is officially formulated by the participants belonging organizations. 【Outputs】 1.Understand the role of educational administration and school management to support lesson improvement 2.Understand the implementation and management method/system of INSET 3.Understand the teacher's activities for lesson improvement to make the lessons more attractive for pupils 4.Propose Action Plan for improvement/strengthening of INSET in participant's belonging organization by making the best use of knowledge and know-hows acquired from the program in Japan	【Target Organization】 Organization responsible for planning, managing and monitoring INSET (Central/local government, Teacher training institution, elementary or secondary school) 【Target Group】 1.Educational administrators or inspectors, Teaching staff of a teacher training institution, Principals, vice-principals or equivalent position of elementary or secondary schools who coordinate a cluster training bridging together neighbor schools 2.Have more than 5 years' experience in the field of teachers' training 3.Be fluent in English

Contents		
【Preliminary Phase】 Preparation and submission of Working Sheet 【Phase in Japan】 1.Educational administration/school management to support lesson improvement: Educational administration in Japan(national level and local level), Education in City of Sapporo, Education budget and school office work, Teacher-training course 2.INSET system Roles of teacher training institutions and INSET, Role of Teachers' consultant 3.Teacher's activities for lesson improvement School visit, Discussion with classroom teachers 4.Action Plan Country Report presentation, Discussions, Presentation of Action Plan 【Finalization Phase】 Submission of a Final Report describing the progress of implementation of Action Plan within 3 months	Program Period	2013/ 1/14 ～ 2013/ 2/9
	Implementing Partner	Hokkaido International Exchange and Cooperation Center, Sapporo Education Center
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2010～2012
	Remarks and Website	

School Management for Improving Quality of Teaching Learning Practice
授業改善を目指した学校運営

Region-Focused Solution | 1284231 Continuing

9 participants

Target Countries : Latin America

Sector : Education/Education Administration

Sub-Sector :

Language : Spanish

Appeal

Participants are required to understand approaches of improvement teaching learning practice for improvement school management and implement as a trial.

Objective/Output	Target Organization / Group
【Objective】 An action plan to achieve school management for improving quality of teaching learning practice is implemented under cooperation between regional education office and core school, and the outcomes are shared with organizations concerned in the area. 【Outputs】 (1) To analyze issues and approaches on school management and lesson practices of schools of participants or those in the area where participants are responsible. (2) To extract applicable approaches from Japanese educational system and educational practices in Japan. (3) To organize specific methods and approaches for improving teaching learning practices. (4) To make an action plan for improving quality of teaching learning practice based on the PEI and POA, and have a presentation to educational organization concerned (regional education office, participants' school, association schools etc.).	【Target Organization】 Regional education offices, municipal education board, primary schools 【Target Group】 (1) Current duties: Supervisors of the same organization as participants of 1st year, and head teacher and curriculum coordinator of a core school of the area. (2) To have at least four 4 years working experience in the relevant field (3) Being under 55 years of age

Contents		
【Preparatory Phase】 (1) Preparing an inception report 【Core Phase in Japan】 (1) Presentation of Inception Reports (Presentation, Discussion) (2) Japanese Educational System (Lecture, Visit, Discussion) (3) School Management, View point on pedagogy analyzing improvement of teaching methods, etc. (4) Making an action plan 【Post Program Activity】 (1) Report on learnings in Japan to organizations and people concerned (2) Implementation of action plan, and submission of final report on the progress of action plan within four 4 months after completion of Program in Japan	Program Period	2013 / 1/17 ～ 2013 / 2/2
	Implementing Partner	JICA Tsukuba
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2010～2012
	Remarks and Website	

INSET Management in Africa (Anglophone Countries)
アフリカ地域(英語圏) INSET運営管理

Region-Focused Solution | 1284258 Updated

Target Countries : Anglophone Countries in Sub-Saharan Africa

18 participants

Sector : Education/Education Administration

Sub-Sector :

Language : English

Appeal

This program is designed for educational administrative offices to enhance the capacity of INSET (In-Service Education Training) Management through Issue analysis workshop, lecture of history and outline of INSET management in Japan, visiting the relevant organizations, and sharing experiences each other.

Objective/Output

【Objective】
To design an action Plan in order to improve the INSET management in participants' countries and share them with relevant organization.

【Expected Outputs】
(1)To clarify current conditions and challenges of INSET management in each country and make report
(2)To understand the system of INSET and the roles of educational administration office in Japan
(3)To understand the role of INSET by local and school level
(4)To design suitable Action Plan for improving INSET in each country base on the knowledge of (1),(2), and (3)
(5)To share the Action Plan in participants' organization and analyze the points for implementation

Target Organization / Group

【Target Organizations】
National or regional educational administrative offices in charge of INSET management for primary and secondary education

【Target Group】
(1)Educational administrative officers in charge of INSET at national/ regional/ district level, educational supervisor or inspector
(2)Have more than 5 years of experiences in above area
(3)Those who are related in SMASE-WECSA

Contents

【Preliminary Phase】
-To clarify the issues on INSET Management at each organization
-To watch DVD " The History of Japan's Educational Development" and learn the outline of history

【Core Phase in Japan】
-To discuss the issues and causes about INSET management (Issue Analysis Workshop)
-Lecture, Discussion: Outline of educational system in Japan, Legal framework of INSET, Role of administration offices of INSET by different levels
-Lecture, Visit, Discussion：INSET in Board of Education, Educational Center
-Lecture, Visit, Discussion School-Based INSET(primary and secondary), Lesson Study
-Practical work, Discussion：Design an action plan for improving INSET management(by belonging organization and individual level)

【Finalization Phase】
-Share, improve and implement the Action plan with related organization
-Submit a progress report of the Action Plan to JICA within 3 month after program in Japan

Program Period	2012/11/15 ～ 2012/12/15
Implementing Partner	Hiroshima University, Hiroshima Prefectural Education Center, Board of Education, etc,
JICA Center	JICA Chugoku
Cooperation Period	2012～2014
Remarks and Website	

Education for Peace through Promoting Mutual Understanding
平和のための教育－相互理解の促進をとおして－

Group 1280250
Solution New

10 participants

Target Countries : Preferably Post-Conflict Countries

Sector : Education/Other Education Issues

Sub-Sector : Peace-building/Other Peace-building Issues

Language : English

Appeal

After the Second World War, in Hiroshima education was highly prioritized for reconstruction of the city, based on an idea that it leads to nurture the great desire for peace among young generation for establishment of long-term peace. So that, "Education for Peace" is conducted through the existing curriculum of primary, middle and high schools in Hiroshima. Such practice has contributed today's Hiroshima international peace city. And those experiences through mutual understanding in Hiroshima are able to inspire post-conflict countries. In the training, participants will acquire the knowledge and method which Hiroshima experienced and prepare suitable action plan for respective countries.

Objective/Output	Target Organization / Group
【Objective】 To share the Action Plan for promoting peace education with the organization which participants belong and implement it targeting the participants' responsible area after returning own country 【Expected Outputs】 (1)To be able to analyze challenges of education for peace in participants' countries through comparison with other participants' countries experience (2)To acquire deeper understanding of the significance of education for peace for peace building (3)To understand the roles and collaboration with the governments, educational institutions and communities toward education for peace in Japan (4)To understand the activities and those methods of governments, school and communities for education for peace (5)To prepare an Action Plan for promoting education for peace which collaborates with the government, schools and communities	【Organization】 Government Inst., NGO or Research institute which is related with promoting education for peace 【Group】 1)Officers at Government Inst., NGO staff, or researchers who engage in promoting education for peace 2)Those who have more than three years' experience in the education sector 3)Officers at Government Inst., NGO staff, or researchers who will engage in promoting education for peace in the near future

Contents		
【Preliminary Phase in home country】 ・Preparation of job reports regarding the challenges and case examples of education for peace 【Core Phase in Japan】 ・Workshop --- Share the case examples of education for peace, Issue analysis ・Lecture --- Roles of education for peace in Peace Building, Peace culture and its development, Roles and activities of governments/schools /communities for education for peace ・Visit or Study tour --- Collaboration with the governments/schools /communities, Efforts to pass down and transmit the truth of the past, and promote the cross-culture understanding, Efforts of Trauma Care ・Work --- Preparation of the plan for promoting education for peace 【Finalization phase in home country】 ・Sharing and conducing the Action Plan in respective countries	Program Period	2012 / 7 / 10 ～ 2012 / 8 / 10
	Implementing Partner	Hiroshima Peace Culture Foundation etc.
	JICA Center	JICA Chugoku
	Cooperation Period	2012～2014
	Remarks and Website	

Comprehensive Museology
博物館学

Group 1280898
Trainers Updated
10 participants

Target Countries :

Sector :Education/Other Education Issues

Sub-Sector :Private Sector Development/Tourism

Language :English

Appeal

Through its activities, a museum helps to build a sense of pride and identity among local residents about their history and culture. This course provides a comprehensive training program in practical skills and knowledge that are indispensable for museum activities, thereby rearing human resources who can contribute to the promotion of culture and ensuring social stability in their respective countries.

Objective/Output

[Course Objective]
The participants will master practical skills and know-how necessary for effective operation of museums which can be shared among museum specialists by carrying out autonomous dissemination programs. The participants will also be able to develop their expertise in a sustainable manner via an international network established through the course.
[Expected Module Output] The participants will be able to;
1)explain outline of museum activities in their country and their own professions, and also to clarify relevant agendas.
2)disseminate general theory and practice of museology.
3)put into practice and disseminate acquired knowledge and skills related to collection, documentation and conservation of museum specimens.
4)put into practice and disseminate acquired knowledge and skills related to exhibition design and installation.
5)make a program of public relations of museums and put it into practice.
6)make a program of museum management which is applicable to his/her own institution.
7)Specialized Program: obtain expertise through workshops in the fields participants selected. (Total three weeks)
8)draft a dissemination plan of acquired knowledge and skills.
9)put into practice the drafted dissemination plan.

Target Organization / Group

[Target Organization]
Museums and national organizations working on preservation of cultural heritage

[Target Group]
Museum specialists who are engaged in one of the following fields: Acquisition, documentation, conservation, exhibition, education & other relevant fields.
The participants should have three years or more of on-the-job experience in any of the above mentioned fields.

Contents

[Activity in Preliminary Phase in home country]
1)prepare Museum Reports describing:・Museum activities in their country and their professions in their own institutions.
[Activities in Core Phase in Japan]Participants will acquire knowledge of:
Lectures:1)History of museums and current trend in the museum world, Legal systems, codes of ethics, cultural policies, etc.
2)Collection, conservation, restoration, storage facilities.
3)Photography, audio-visual recording, database construction, Packing and transportation of museum specimens.
4)Designing and installation of exhibitions, model making, Universal design, management of international joint exhibitions.
5)Museum education, collaboration with local communities, Promotion of tourism, sharing memories of historic events, and disaster reduction.
6)Personnel administration, human resources development, Public relations and security, Finance.
7)Specialized Program(3 weeks):Preventive conservation, Conservation and restoration,Exhibition design, Photography and Filming, Museum education, Management of archaeological resources, and Activities of community museums.
8)Draft a dissemination plan to be implemented in his/her own institution.
[Activity in Finalization Phase in home country>
1)Draft dissemination plan should be authorized by his/her own institution.
2)Progress Report will be submitted to JICA office within 6 months after the course.

Program Period	2012 / 9 / 17 ～ 2012 / 12 / 22
Implementing Partner	National Museum of Ethnology
JICA Center	JICA Kansai (II)
Cooperation Period	2012～2014
Remarks and Website	Specialized Program which participants can select based on their specialty is scheduled for 3 weeks. National Museum of Ethnology: http://www.minpaku.ac.jp/english/research/rccr/museology.html

Special Needs Education for Asian Region
アジア地域 特別支援教育

Region-Focused Solution | 1284060 Continuing

Target Countries : Asian region | 16 participants

Sector : Education/Other Education Issues

Sub-Sector :

Language : English

Appeal

This program aims to consider and formulate the draft Action Plan for improving the environment for Special Needs Education / Inclusive Education. The participants shall have opportunities in Japan to study the outline, history and systems of Japan's Special Needs Education, to share and discuss the current situation and issues of respective countries' special needs education/inclusive education.

Objective/Output

[Objective]
Draft action plan for improving system and mechanism of Inclusive Education is formulated by participant's organization.

[Output]
1. Understand Mica's cooperation for persons with disabilities, and the concept of "Inclusive."
2. Understand Japan's Special Needs Education (history and system), analyze its characteristics and issues, and find the measures to be applicable for promoting Inclusive Education.
3. Understand the practices of Japan's Special Needs Education, analyze its characteristics and issues, and find the measures to be applicable for promoting Inclusive Education.
4. Formulate Action Plan for promoting Inclusive Education based on the above outputs, and share and discuss about Action Plan among stakeholders.

Target Organization / Group

[Target Organization]
Department in charge of Special Needs Education or Inclusive Education at Ministry / Institute, or University/ Teacher's College which has a curriculum for such education.

[Target Group]
1. Mid-career official at the department in charge of Special Needs Education or Inclusive Education at Ministry/Institute, or teacher at University/Teacher's College which has a curriculum for such education.
2. With more than 10 years of occupational experience in this field.

Contents

[Preliminary Phase]
Analysis of current situation and issues of Special Needs Education in each country.

[Core phase]
・Presentation and discussion on the current situation and issues of Special Needs Education of respective countries.
・JICA's thematic guideline and projects for supporting persons with disabilities.
・Concept and philosophy on social participation of people with disabilities.
・Japan's Special Needs Education and its training system -history, law and system.
・Curriculum for Special Needs Education and Class in Japanese schools.
・Collaboration among stakeholders in the field.
・Networking with parents, community and society.
・Discussion on promotion of Inclusive Education.
・Formulation and Presentation of Action plan.

[Finalization Phase]
Hold a report meeting.

Program Period	2012 / 8 / 26 ～ 2012 / 9 / 27
Implementing Partner	Yokohama National University
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	

2.Health

Improvement of Maternal Health (focus on MDG 5)
妊産婦の健康改善 (MDG 5)

Group 1280019
Solution Continuing
16 participants

Target Countries :

Sector :Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language :English

Appeal

This course intends to promote strategic approach to the improvement of maternal health (political recommendation, institutional reform, administrative/ program improvement).

Objective/Output	Target Organization / Group
【Objective】 Official approval of the action plan (based on the learnings from the workshop in Japan) by the related organizations (GO and NGO). 【Module】 1. To identify the issues on Maternal Health and to prepare inception report 2. To identify issues for increasing the rate of maternal health checkups (ANC/PNC) (MDG indices 5.5) 3. To identify issues related to reducing adolescent birth rate (MDG indices 5.4) 4. To identify issues related to addressing the unmet needs in family planning (MDG indices 5.3/5.6) 5. To develop draft Action Plan (last stage of the workshop in Japan) and examine possibilities of implementing Action Plan with related agencies (after return to countries)	Governmental Organization and Non-Governmental Organization working towards the improvement of maternal health

Contents		
-Identifying issues related to Maternal Health -Preparation of Inception Report -Roles of GO and NGO for promotion of continuum of care -Promotion of male involvement -Women friendly service -Community-operated sustainable mechanism for "continuum of care"	Program Period	2013 / 1/16 ～ 2013 / 2/9
	Implementing Partner	JOICFP
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Maternal and Child Health
母子保健

Group 1280757
Solution Continuing

Target Countries :

11 participants

Sector :Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language :English

Appeal

Hokkaido has a history to improve the situation of maternal and child health by activate pioneer public health nurses, diffusing maternity passbook, building referral systems with problems as low population density and lack of medical human resources. These could be applied to the developing countries. Furthermore, this training includes problem analysis, clinical exercise within the limits of Japanese law and social norms, consultation on formulating Action Plan or evaluation of project, which helps participants can formulate feasible and actual Action Plan.

Objective/Output	Target Organization / Group
<Course Objective> The problem solving plan in the field of maternal and child health for their belonging area should be proposed as a nurse or midwife of leading role and it should be shared among related people to build fundamental to actual implement after their returning. <Objective for each unit> 1.To propose effective policy on maternal and child health through learning policy and history of maternal and child health in Japan. 2.To understand the process of training for nurse and midwife in Japan. 3.To understand the roles and functions of relevant organizations. 4.To improve local health service systems in participants' countries through learning medical service and referral systems in remote or isolated areas. 5.To formulate actual and feasible action plan.	<Target Organization> Department in charge of maternal and child health in hospital and institute for training nurse and midwife <Expected Job Title> Nursing staff who is in a position of leadership or professor in nurse/midwife training organization <Expected Job Experience> 5 years' experience or longer in the field of maternal and child health

Contents		
1.Health administration system in Japan, Social welfare system in Japan, History and present situation of child nursing in Japan, Trend of health statistics in Japan 2.Nurse education system in Japan, Educational concept of the nurse department in University, The role of midwife in Japan, Activity of self-employed midwife, Practice in hospital, Educational summary in graduate school, Organizational operation in the Nurse department 3.Observation in Medical University, Functions of Perinatal Center, ICU nursing and other wards nursing, Visit to local hospitals(1st or 2nd level) and Health Center. City level service in the field of Maternal and child health, Public health nurses' activities in city level 4.Local medical service, Referral system, History of pioneer health workers in Hokkaido. Public health nurses and midwives' activities in municipality, 5.Country report presentation, Problems analysis based on Nursing Process or PCM training, Formulation of Action Plan.	Program Period	under planning
	Implementing Partner	Asahikawa Medical University and Tenshi College
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2011～2013
	Remarks and Website	Submit Final Report to JICA Sapporo within 6 months in order to report of progress of their Action Plan.

Workshop on Improving Adolescent Sexual and Reproductive Health (ASRH)
思春期保健ワークショップ

Group 1280868
Solution Updated

Target Countries :

14 participants

Sector :Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language :English

Appeal

This program aims to strengthen existing Adolescent Sexual and Reproductive Health (ASRH) programs. Adolescents face reproductive health risks due to insufficient information and health care services (unwanted pregnancy, STI) Diverse challenges include age-specific culturally sensitive approach to SRH and provision of youth friendly services through creation of supportive environment at the community level. Two participants from GO and NGO from one country is desirable.

Objective/Output	Target Organization / Group
【Objective】 1)To acquire effective approaches and skills on the provision of SRH information to young adolescents (10-14 years old),2)To acquire effective approaches and skills on youth friendly care and services, 3)To acquire better understanding on the development of ASRH supportive environment, 4)To develop an action plan to strengthen the existing ASRH programs. 【Objective for each unit】 To acquire better understanding on skills and approaches for provision of information according to the developmental stages of young people (especially targeting young adolescents age 10~14) To acquire better understanding on skills and approaches on youth friendly care and services for young people To acquire better understanding on the development of ASRH supportive environment (partnership development among related organizations) To develop an Action Plan: “Strategy to strengthen ASRH programs”	Government and Non-governmental Organizations which intend to strengthen their existing ASRH programs. Adolescent Sexual and Reproductive Health (ASRH) program administrator or implementer (present position) of GO and NGO. At least 3 years experience. Two-participant from each country is desirable: one from government (GO) and the other from non-governmental organization (NGO).

Contents		
a) Effective use of IEC tools for ASRH promotion (targeting young adolescents) b) Life skills education through effective communication skills c) Peer education approach d) Parent /children communication a) Management of youth friendly clinic b)Youth friendly activities through networking by youth group c) Fact findings surrounding ASRH issues a) Youth initiative in ASRH advocacy b) Cooperation and Networking of key stake holders and organizations concerned in ASRH c) GO - NGO collaboration ASRH promotion a) Identification of "Gaps and bottlenecks" b) Action Plan Development (draft)/ discussion c) JICA-net session with past participants of related course d) Recommendation on "Strategy to strengthen ASRH programs”	Program Period	2012 / 5/11 ～ 2012 / 6/5
	Implementing Partner	JOICFP
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2012～2014
	Remarks and Website	

Promotion of the Collaboration between Child Welfare and Maternal and Child Health
母子保健福祉行政

Group 1280911
Solution Continuing
12 participants

Target Countries :

Sector :Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language :English

Appeal

This program is designed for Child Welfare and MCH administrators to introduce collaboration between Child Welfare and MCH along with experience in Japan.

Objective/Output	Target Organization / Group
This programme is designed: - to introduce the approaches that Japan has adopted to promote the collaboration between Welfare and MCH, and - to share knowledge/ information/ experience regarding issues that participants are facing in their countries as well as measures to be taken. Also, this aims to develop further friendship among participating countries. It is important, for the better life of mothers and children at anyplace in the world, to create children—friendly environment as well as to promote cooperation in the community. Also in developing countries, Collaboration between Welfare and MCH will become crucial in order to improve the situations in both fields.	National or local government administrators in charge of planning and managing welfare and MCH programs as well as being able to consider or discuss about collaboration between welfare and MCH.

Contents		
Discussion, Exercise: Report before training course, Country Report Presentation (free discussion) Lecture: Maternal and Child Health Administration, Child, Maternal Welfare Administration, Healthy Family in the 21st Century, Collaboration between Welfare and Maternal and Child Health Lecture: Development test for infant, Transition of MCH handbook in Japan, Accomplishment of MCH handbook in Japan and international utilization/Visit: Health Center(Parenting class), Maternity Center, hospital, Medical Center and Research Institute for Maternal and Child Health, etc. Visit:Employment and Self-support center for single mother,infant home,Orphanage, Child Guidance Center, Medical Center for disabled, Day care center(Child care for special needs),Discussion among parents who has children with special needs, Health check for infant Exercise: Free discussion, Exercise, Preparation for the collaboration plan, Exercise presentation	Program Period	2013 / 1/23 ～ 2013 / 2/20
	Implementing Partner	Japan International Corporation of Welfare Services (JICWELS)
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Workshop on Improvement of Maternal Health for Africa (focus on MDG5)
すこやかな妊娠と出産　アフリカ地域ワークショップ (MDG5)

Region-Focused Solution　1284001 Continuing

14 participants

Target Countries : Africa

Sector :Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language :English

Appeal

This course intends to promote strategic approaches for maternal health (including political recommendation, institutional reform, administrative/ program improvement).

Objective/Output	Target Organization / Group
Plan of action for the "Health system strengthening at improvement of continuum of care at the community level" is revised and approved within the organization. Output 1 To develop a report (inception report) on the existing health system Output 2 To acquire better understanding on the comprehensive approach to "health system strengthening" Output 3 To develop Action Plan (interim report) Revision and approval of the Action Plan	Governmental Organization and Non-Governmental Organization promoting safe motherhood programs

Contents		
1 Formulation and submission of Inception Report on the existing health system to identify the "gaps and bottle-necks" in continuum of care at the community level. 2 a) Human resource development: recruitment and deployment, in-service training, supportive system for HRD, regulatory frameworks, etc. b) Access: information and quality services at the community level: ensuring information and quality services at the community level/ "community-initiative" and empowering individuals, families and communities for greater access to information and services c) Health information management: management and use of timely, high quality information/ comprehensive monitoring and evaluation 3 Formulation of the Health System Strengthening Strategy (action plan) for the improvement of continuum of care at the community level	Program Period	2012 / 9 / 19 ～ 2012 / 10 / 13
	Implementing Partner	JOICFP
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Maternal and Child Health Promotion in Public Health for Central and South America
公衆衛生活動による母子保健強化(中南米地域)

Region-Focused Solution | 1284013 Continuing

11 participants

Target Countries : Countries speak in Spanish

Sector :Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language :Spanish

Appeal

This program is designed for improvement on maternal and child health through enhancement of a level of community health and emphasized on following contents.
①Roles of public health and prevention,
②Health promotion,
③Citizens" participation,
④Measures for remote area by utilizing local resources, and
⑤Case study on the reconstruction after the devastation of the WWⅡthrough the latest health service.

Objective/Output	Target Organization / Group
<Course Objective> Plans for maternal and child health program will be formulated and implemented in need of target communities through enhancement on public health and health care service. <Objective for each unit> (1)Issues should be addressed at the participating organization will be clarified through analysis on health system in Japan and measures for public health on maternal and child health. (2)Analyze the experience of public health activities in Okinawa for maternal and child health promotion and current measures , and clarify the applicable measures. (3)Analyze the cases of maternal and child health promotion by utilizing local resources and community participation, and clarify the applicable measures. (4)Drafts of feasible plans for improvement on maternal and child health based on the experience of this training program as analyzed issues and clarified applicable measures.	<Target Organization> Department of Maternal and Child Health, central/regional government <Target Group> (1)be in charge of planning and management of public health/maternal and child health at health department of central/regional government (2)more than ten(10) years of work experience in public health (3)licensed nurse/midwife

Contents

<Preliminary Phase in a participant's home country >
Formulation of Job Report

<Core Phase >(activities in Japan)
(1) 1.Health System in Japan (roles of central and local government),
2.Medical system,
3.Maternal and child health services in community level,
4.Issue analysis
(2) 1.Public health nursing personnel stationed system in communities,
2.Activities of maternal and child health in the time of inadequate infrastructure,
3.Human resource development of Public Health Nurse,
4.Management of health personnel,
5.In-service and career-long training in nursing
(3) 1.Cases of effective health promotion to facilitate citizens' behavioral changes,
2.Community-based health promotion by citizens' participation,
3.Life education for adolescence and peer activities, Methodology of planning
(4) Formulation of action plan

<Finalization Phase >(activities in home country)
Submission of the progress report of action plan

Program Period	2012 / 5/ 1 ～ 2012 / 6/23
Implementing Partner	Okinawa Prefectural Nursing Association
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	・Expectations for the Participants: be related with JICA programs in this field will be preferable.

Continuum of Care for Quality Improvement of Maternal, Newborn, and Child Health in Francophone Africa
アフリカ仏語圏地域 母子保健サービスの質向上をめざす継続ケア

Region-Focused Solution | 1284051 | Continuing

Target Countries : Francophone Africa

10 participants

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language : French

Appeal

Le concept cle de ce programme est le continuum des soins. Ceci se concoit a double niveau : au niveau individuel couvrant le cycle de vie maternelle (de la grossesse, l'accouchement, aux soins des enfants); et au niveau du systeme, qui implique la cooperation entre la communaute, les institutions medicales et l'administration. Au bout de ce programme rempli des visites et discussions, chaque participant sera demande d'elaborer un Plan d'action pour ameliorer la qualite du service dans son pays.

Objective/Output	Target Organization / Group
Ojbectif du stage de formation: Un plan d'action adapte a la situation du pays participant et tenant compte des experiences du monde sera elabore et effectue par le participant et son organisation d'appartenance en vue d'ameliorer la qualite de service de sante maternelle et infantile. Output attendus du module 1)Elaboration et soumission du Rapport initial 2)Pouvoir expliquer le systeme de sante qui puisse assurer des services continues pour la SMI 3)Pouvoir expliquer les services SMI qui soient offerts d'une maniere continue tout au long du cycle de vie de la femme 4)Acquerir des connaissances sur la pratique des services de sante offerts d'une maniere cotinue et adequate au besoin du chacun de la population locale 5)Elaborer un Plan d'action base sur l'analyse de la situation actuelle des services SMI dans les pays participants 6)Le plan d'action du participant elabore au Japon sera rapporte a son organisation pour la comprehension commune sur son contenu entre le participant et son organisation. 7)L'organisation du participant mettra a l'etude la faisabilite du plan	<Organisations cibles> Ministere de la Sante, Region medicale, ou District medical <Postes cibles> Administrateurs charges de la SMI au niveau national ou regional <Experiences professionnelles prerequises> Avoir au moins cinq ans d'experience professionnelle en tant que administrateur charge de la SMI au niveau national ou regional <D'autres qualifications> Profil professionnel : specialites equivalents au medecin, a l'infirmiere, ou a la sage-femme.

Contents		
(1) Le continuum des soins au niveau du systeme de la sante - L'experience des mesures SMI au Japon - Sante communautaire : ses prestataires et ses outils - Lien qui noue le systeme de sante et la population - Cas des soins continus au niveau du systeme de sante (2) Le continuum des soins au niveau individuel - Medecine fondee sur les faits (EBM) pour l'accouchement - Le point de vue du beneficiaire des services - Cas pratiques de EBM et soins (3) Partage des experiences des services SMI dans de differents pays en développement - Analyse de l'etat des lieux des services SMI dans les pays participants - Elaboration du Plan d'action en vue d'ameliorer les services SMI dans les pays participants (4) Visite sur terrain et observation de pratiques des soins SMI continus - Les activites du Conseil de Promotion de SMI de la region de Kinan (Wakayama) - Les services SMI offerts a Kinan comme cas pratique du continuum des soins *Les candidats ainsi que les participants selectionnes sont pries de bien noter que ce programme de formation, n'ayant pas pour objectif d'ameliorer des “techniques concretes” des prestataires de la SMI, ne contient pas de travaux pratiques dans des hopitaux ou des maternites.	Program Period	2012 / 6/ 5 ～ 2012 / 7/14
	Implementing Partner	National Center for Global Health and Medicine
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2011～2013
	Remarks and Website	

Area Focused Training Course in Nursing Management of Maternal and Child Health Nursing for African Countries
アフリカ母子保健看護管理コース

Region-Focused Solution | 1284107 | Continuing

10 participants

Target Countries : Africa

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector : Health/Health System

Language : English

Appeal

This course is intended to improve the quality of nursing management and nursing services in a participant's workplace

Objective/Output

Program Objective:
Action Plan is shared for future implementation among the participant's workplace which is established by each during the core phase in Japan.

Module 1: To comprehend the MCH activities and nursing care in Japan recognizing the differences from that in his/her respective country.

Module 2: To comprehend the principles of nursing management through acquiring theories, methods of management, and practical skills.

Module 3: To comprehend perinatal care and nursing management in hospital in Japan and identify issues in his/her workplace

Module 4: To formulate an Action Plan to solve identified issues in his/her workplace.

Module 5: To implement the Action Plan and report its progress to JICA.

Target Organization / Group

Target Organization: Hospitals or nursing schools in the field of Maternal and Child Health.

Participants:
-To be licensed nurses and midwives authorized by government and have a minimum of 7 years of experience in Maternal and Child Health Nursing.
-To be a pair of (a) and (b) below from one country will be preferable.

Two of (b) applicants from one country will NOT be acceptable in principle.
(a) Nurses who are in managerial position
(b) Administrators in Ministry of Health or teachers in nursing school.

Contents

≪Introductory Subject≫
1. Maternal and child health administration and statistics in Japan
2. Nursing administration and education system in Japan
3. Prenatal nursing care at hospitals and maternity homes in Japan etc.

≪General subjects related to leader's training≫
1. Outline of Nursing Management
2. Objective Management
3. Role of a nursing manager by case studies
4. Midwifery record
5. Leadership and management
6. Communication skill etc.

≪Actual activities of prenatal medicine and nursing care≫
1. Nursing care at hospitals and maternity homes
2. Maternal and child health activities at public health center etc.

Program Period	2012 / 5 / 23 ～ 2012 / 8 / 11
Implementing Partner	International Nursing Foundation of Japan (INFJ)
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Maternal and Child Health for French speaking African Countries
仏語圏アフリカ母子保健

Region-Focused Solution | 1284192 Continuing

11 participants

Target Countries : French Speaking African Countries

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector : Health/Maternal and Child Health/Reproductive Health

Language : French

Appeal

In Hokkaido, which has low population density and lack of medical resources, the situation of the Maternal and Child Health used to be bad, but with effort to develop community based human resource for maternal and child health and with building the strong community-based referral system, it has a history to improve the situation of the field. This can be an applied to the developing countries.

Objective/Output

【Program Objective】
The improvement plan on human resource development for maternal and child health is officially formulated by the participant's organization based on the Action Plan proposed in Japan, and its progress is reported to JICA.

【Expected Modules Output】
(1)To understand the system and the present situation of MCH services in Japan.
(2)To understand the educational system for nurses and midwives in Japan
(3)To understand training curriculum for nurses and midwives in the field of MCH, and its practical methods
(4)To understand the post education system for nurses and its MCH related.
(5)To consider applicability of the experiences of MCH/human resources development in Japan, and propose Action Plan.

Target Organization / Group

【Target Organization】
Department in charge of MCH in hospital and institute for training nurses and midwives

【Expected Job Title】
1.Senior lectures engaged in nurse and midwife trainings at university or equivalent educational institutions
2.Nurses and midwives who is in charge of leadership in nurse or midwife training

【Expected Job Experiences】
Certificated nurses or midwives with more than 5 years in the above mentioned field

Contents

【Preliminary phase】
Preparation of Country Report on the present situation and problems to be solved

【Lectures】
Present situation of MCH in Japan, Administrative measures in the field of MCH in Hokkaido, Practice of MCH activities in the community, Practice and problems of maternal and child medical care, Educational system for nurses, Training curriculum for nurses and its development, Nursing education at graduate schools, Educational system for public health nurses and midwives, Midwife activities in the community, Nursing associations and their activities, Nursing education at graduate schools, etc.

【Visit, Exercise and Presentation】
Community health center, Maternity center, Nursing Association, Schools, Hospitals, etc.
Presentation of Country report and Action Plan

【Finalization Phase in a participant's home country】
Participating organizations produce final outputs by making use of results brought back by participants and submit the report to JICA.

Program Period	2012 / 9 / 25 ～ 2012 / 11 / 10
Implementing Partner	Sapporo Medical University and Hokkaido University
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	(A)9 participants、From Sep. 25th to Nov. 10th. (B)12 participants,From Oct. 9th to Nov. 24th

Women's Health and Maternal and Child Health Support for Middle East Countries
中東地域女性の健康支援を含む母子保健方策

Region-Focused Solution | 1284227 Continuing

Target Countries : Middle East Countries

7 participants

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language : English

Appeal

This program is designed for national/local government and NGO to improve the system of support and service to ensure the health of women, children and their families.

Objective/Output

In National/local government or NGO in charge of maternal and child health or women's health, system of implementing support and service to ensure the health of woman, child and family is formulated.
(1) To be able to explain structure and policies for maternal and child health and women's health support in Japan.
(2) To be able to explain community activities of self-help group (volunteers) and experts.
(3) To be able to explain service and support activities to protect women against violence and lead women to participate in health management activities.
(4) To make plan to improve maternal and child health or empowerment and health of women.
(5) To consider the action plan at participant's organization after return home

Target Organization / Group

・Nurse, midwife, public health nurse, health worker or doctor.

・Person in charge of education for nurse, midwife, public health nurse or health worker have more than 5 years' experience in the field of Maternal and Child Health or Women's Health.

Contents

<Preliminary Phase>
Formulation of report to present current situation in the participant's country

<Core Phase in Japan>
Health and Medical System in Japan , Maternal and child health (MCH) in Miyazaki, History of MCH System in Japan, Prenatal Medical Care System in Miyazaki
Roles and activities of Japanese Midwives Association, Midwifery center, and Nursing Association, Role of midwives, Activities of University and local residents to support chile-raising women, Japanese situation of Child Abuse and Domestic Violence (DV) to women, Scene and Present State of DV Support by NPO, Peer Education and Counseling

<Finalization Phase>
Implementation of the formulated plan, and report progress in the form of final report

Program Period	2012 / 6/ 4 ～ 2012 / 7/13
Implementing Partner	University of Miyazaki
JICA Center	JICA Kyushu
Cooperation Period	2010～2012
Remarks and Website	

Maternal and Child Health Promotion in Public Health for Africa
公衆衛生活動による母子保健強化（アフリカ地域）

Region-Focused Solution | 1284235 Continuing

10 participants

Target Countries : African countries

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language : English

Appeal

This program is designed for improvement on maternal and child health through enhancement of a level of community health and emphasized on following contents.
①Roles of public health and prevention,
②Health promotion,
③Citizens" participation,
④Measures for remote area by utilizing local resources, and
⑤Case study on the reconstruction after the devastation of the WWⅡthrough the latest health service.

Objective/Output	Target Organization / Group
<Objective> Plans for improvement on maternal and child health in public health will be formulated and implemented based on the needs of target communities. <Output> (1)Issues should be addressed at the participating organization will be clarified through understanding the roles of public health on maternal and child health in Japan. (2)Analyze the roles and human resource development of public health nurse through the case study on the experience of Okinawa Prefecture since post-war reconstruction, and clarify the applicable measures. (3)Analyze the cases of maternal and child health promotion by utilizing local resources, and clarify the applicable measures. (4)Drafts of feasible action plans	<Target Organization> Department of Maternal and Child Health, central/regional government <Target Group> (1)be in charge of planning and management of public health/maternal and child health at health department of central/regional government (2)more than ten(10) years of work experience in public health (3)licensed nurse/midwife

Contents		
<Preliminary Phase in a participant's home country > Formulation of Job Report <Core Phase >(activities in Japan) (1) 1.Health System in Japan (roles of central and regional government), 2.Medical system, 3.Maternal and child health services in community level, 3.Issue analysis (2) 1.Public health nursing personnel stationed system in communities, 2.Activities of maternal and child health in the time of inadequate infrastructure, 3.Human resource development of Public Health Nurse, 4.Management of health personnel, 5.In-service and career-long training in nursing (3) 1.Cases of effective health promotion to facilitate citizens' behavioral changes, 2.Community-based health promotion by citizens' participation, 3.Life education for adolescence and peer activities, Methodology of planning (4) Formulation of action plan <Finalization Phase >(activities in home country) Submission of the progress report of action plan	Program Period	2012 / 6 / 20 ～ 2012 / 8 / 11
	Implementing Partner	Okinawa Prefectural Nursing Association
	JICA Center	JICA Okinawa
	Cooperation Period	2010～2012
	Remarks and Website	・Expectations for the Participants: be related with JICA programs in this field will be preferable.

Midwifery Course for Safe Motherhood
安全な出産のための助産師研修

Region-Focused Trainers | 1284239 Continuing | 10 participants

Target Countries : Asian countries

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language : English

Appeal

This course's target is midwifes for the safe Motherhood. This course is for improvement of knowledge and technical skill of midwives and creates the Dissemination Plan to apply at their organizations. During the course, participants also share the experience of maternal and child health care services with each other by discussion.

Objective/Output	Target Organization / Group
(Course Objective) Knowledge and skills about safe motherhood will be shared among staffs in participating organization or people in the community. (Expected Module Output) 1: Participants will be able to explain the changes and current status of perinatal medicine in Japan, and will be able to explain about changes in regional maternal and child health, and the roles of nurse and midwife. 2: Participants will be able to explain the management, education and training for midwives and nurses in Japan, and will be able to explain health education for pregnant women as well as prenatal and postnatal care. 3: Participants will be able to explain about the roles and reference system of maternity clinics, public health centers and hospitals in Japan. 4: The dissemination plan would be formulated by the participants at the end of this training course which to disseminate acquired knowledge and skills in safe motherhood in their organization or community, (Finalization Phase) 5: Staffs in participating organization or people(pregnant woman) in the community will participate in the dissemination plan(DP).	<Target Group> ・Hospital, Health center certified midwives working at clinical level (working as an midwife in ward) <Experience> ・at least 3 year experience in maternity ward

Contents		
(Activity in Preliminary Phase in home country) Prepare the Job Reports (Activities in Core Phase in Japan) Planned Lectures, visits, and study if the following contents would be held. 1.Policies and measures on healthcare and maternal and child health in Japan (Measures for reduction of IMR and MMR, cultivation of human resources) 2.Maternal and child health services and continuing care (Maternal and Child Health Handbook, antenatal check-up and health check-up of infants, health education for pregnant and parturient women) 3.Medical technology for perinatal medicine and maternity care in Japan (roles of hospitals, public health centers and maternity clinics, their aspects and partnership, systems for obstetric emergency care),Maternal and child health education in the regional community 4.Discussion and Presentation of Dissemination Plan (DP) (Activities in Finalization Phase in home country) 5-1.Appliance of their plan after returning back to each countries 5-2.(6 month after) Progress Report from participants about their Dissemination Plan (by JICA-net)	Program Period	2013 / 1/14 ～ 2013 / 2/23
	Implementing Partner	INFJ (The International Nursing Foundation in Japan)
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	

Perinatal, Neonatal and Child Health Care for African Countries
アフリカ地域 周産期･新生児･小児保健医療

Region-Focused Solution | 1284263 Updated

10 participants

Target Countries : African Countries

Sector : Health/Maternal and Child Health/Reproductive Health

Sub-Sector :

Language : English

Appeal

This program is aimed for the clinical staff at hospitals to understand the know-how on MCH service improvement with the collaboration with community. Examine a feasible system in the participating countries through lectures, site visits and discussions of a perinatal, neonatal and child health care in Japan.

Objective/Output

【Program Objective】
An efficient and feasible perinatal, neonatal & child care service improvement plan for participants' institutions will be made and implemented.

【Expected Module Output】The participant will be able to;
1) identify the specific objectives by analyzing the strength and weakness of the system of perinatal, neonatal and child health care services in each country and/or his/her institution.
2) Understand an outline and the history of maternal and child health system of Japan and in the world.
3) Understand the current situations and issues about perinatal, neonatal and child health care services in Japan by case studies and observation of the service delivery at medical institutions.
4) Formulate a draft improvement plan for the perinatal, neonatal and child health care which is efficient, feasible and suitable for the circumstances.
6) Examine improvement plan for the perinatal, neonatal and child health service in the participants' organization.

Target Organization / Group

【Target Organization】
Central hospitals in charge of perinatal, neonatal and child health care

【Expected Target】
Officials who are working as a head Obstetrician or Pediatrician, Head Nurse at Central Hospitals in charge of perinatal, neonatal & child care.

【Experience in Respective Field】
Over 3 years

Contents

【1】Preliminary phase in home country
Preparing an inception report which describes the merits and demerits of perinatal and child health care services in each country and/or organization.
【2】Core Phase in Japan
1) Implementing workshops toward making an appropriate action plan
2) Lectures about the history and background of maternal and child health care system in Japan
3) Presentations and discussions about each inception report
4) Site visits of assistant maternity hospitals etc.
5) Lectures on new born & child health care in the medical institutions
6) Lecture on school health service, a MCH handbook and immunization program etc.
7) Lectures and practices at clinical site
8) Lectures and discussions about various hot topics of perinatal and child health care
9) Participation in maternal and child health care education
10) Preparing, presentation and discussion about an action plan which presents the activities after going back country
【3】Activity in finalization phase in home country
1) Examination of action plan in the participatory organization and formulation of the improvement methods of perinatal, neonatal and child health care service as organization.

Program Period	2012/10/ 1 ～ 2012/10/31
Implementing Partner	Under Planning
JICA Center	JICA Kansai (II)
Cooperation Period	2012～2014
Remarks and Website	From this year, obstetricians are also targeted for this program.

Hospital Management
病院経営･財務管理

Group 1280010
Solution Continuing

Target Countries :

11 participants

Sector :Health/Health System

Sub-Sector :

Language :English/Vietnamese

Appeal

This program is designed for the regional core hospital to manage efficiently and effectively with method of management and financial administration.

Objective/Output	Target Organization / Group
【Course Objective】 At the regional core hospital and central/local government in the health field, efficient and effective plan of hospital management is formulated. 【Expected Module Output】 (1)To be able to explain the concept and practical know-how of hospital management (2)To be able to collect and arrange pertinent information for decision making (3)To be able to utilize the compiled information for hospital management (4)To design efficient and effective plan of hospital management (5)To consider the action plan at participant's organization after return home	-Regional core hospital central/local government in the health field -Be currently engaged in hospital management and financing, and have at least 5 years of work experience in the fields

Contents		
<Preliminary Phase> Formulation of reports to present current situation of participants' organization <Core Phase in Japan> Management system of the clinical laboratory department, the image diagnosis department, the medical equipment department, Hospital meals / Hospital pharmacy, Measures against nosocomial infection, Material control, Inventory control, Hospital safety management, Clerical work flow,Idea of hospital and financial management, Budget control of national hospital, Health financing, Health care information system / management of medical records, Hospital organization,Changing roles of hospitals in Japan, Leadership,medical insurance system / Japanese medical economy, organization and personnel affairs, Cost accounting in the hospital, Budget planning / hospital marketing, Health services provided by public Health centers / hospital inspection, Quality management, Japanese Health and welfare administration,PCM work shop, 5S-TQM (Total Quality Management), Concept of PFFC (Patient and Family Focused Care), Examples of PFFC (Outpatient/Inpatient), Making and Presentation of the action plan <Finalization Phase> Formulation and submission of reports to present progress of Action Plan	Program Period	2012 / 9 / 5 ～ 2012 / 11 / 10
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	Second Training Course only for Viet Nam : 2 weeks

Enhancement of Regional Health and Medical System -Focusing on Islands/Remote Healthcare in Japan-
地域保健システム強化 ～日本の離島･へき地医療から学ぶ～

Group 1280101
Solution Continuing
9 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :Health/Maternal and Child Health/Reproductive Health

Language :English

Appeal

Since Nagasaki prefecture has over 50 populated islands, there have been efforts to develop the health and medical system for remote areas for many decades. This program covers not only management at the level of prefecture but situations in remote areas. Participants could develop own ideas through observing Japan's system, and reflect them in the health policies and administration of their countries.

Objective/Output

<Course Objective>
To develop effective and feasible health system plans for health department of the central and/or the local governments in the target countries, to deal with health issues such as infectious diseases, MCH and so forth.

<Objective for each unit>
1.Be able to explain the priority issues after organizing issues regarding the affiliated organizations and operating issues of the participants regarding the strengthening of health care systems.
2.Verify examples of actual preventive measures developed in Nagasaki, functions and schemes related to the various related organizations and roles of national and local bodies in health administration, and be able to extract applicable systems that can be used in the participating country.
3.Utilize the knowledge and techniques gained during the training to be able to create draft plans for health service improvement plans that are effective and practical.

Target Organization / Group

<Target Organization>
Health Department of Central and Local Governments

<Expected Job Title>
Government officers presently engaged in the field of health planning, health and medical systems, health financing, and/or health performance evaluation at the central or the local government.

<Expected Job Experience>
10 years' working experience in the field of health administration and/or management

<Other Qualifications>
Deputy director level or above is recommendable

Contents

<Preliminary Phase>
Prepare Job Report to share the issues and goals of participating organization through presentation

<Core Phase in Japan>
This program consists of the following components.
1. Job Report presentation to share the issues and goals of participating organization
2. Plan creation techniques
3. Health system of Japan and Nagasaki Prefecture
4. Differences between health care in Japan vs developing countries
5. Japan's public health, MCH and infectious disease countermeasures
6. Medical care systems in island medical zones
7. Examples of community participation in local medical care.
8. Formulation and presentation of health system improvement plans.

<Finalization Phase>
Approval of Action Plan in the participating organization and Submission of the Completion Report.

Program Period	2012 / 9 / 23 ～ 2012 / 10 / 28
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	

Human Resource Development for the Rural Community-Health
保健人材育成－地方村落における地域保健－

Group 1280110
Trainers Continuing
12 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

This training course aims at the improvement of healthcare for mothers and children in local areas and the development of human resources in the field of healthcare. In the local cities in Japan, collaboration between local governments, hospitals, midwifery homes, healthcare centers, local volunteer groups and other related organizations plays an important role in the health and well-being of local people. Japan's experience will be useful for developing countries.

Objective/Output	Target Organization / Group
<Course Objective> Participants will propose an appropriate plan to develop human resources such as nurses /midwives engaged in maternal and child health care activities in local communities, making the best use of their experience in Japan, and the plan shall be shared and discussed among the relevant organizations and personnel so that a basis for its extension would be available. <Objective for each unit> (1)To be able to organize issues regarding regional health administration in your own country. (2)To be able to organize issues regarding the human resources development process for nurses and midwives in your own country (3)To be able to organize issues regarding the links between and roles played by midwife clinics, clinics, hospitals, and universities in your own country (4)To be able to organize issues related to regional healthcare services in your own country. (5)To make feasible improvement plan for human resource development.	<Target Organization> Department of maternal and child health in central or local government, university, hospital <Expected Job Title> Nurses,midwives, or public health doctors, who are in charge of community-health <Expected Job Experience> have more than 5 years' experience in the field community health <Other Qualifications> Language : have a sufficient command of spoken and written English

Contents		
<Preliminary Phase> Formulation of reports etc. to present current situation of participants' country / organization <Core Phase in Japan> ・Medical Health Care Service Systems in Japan ・Community Health Care Service Policy in Japan ・Maternal and Child Health Care Service Policy in Japan ・School Health Care Service Policy in Japan ・Human Resource Development ・Nursing Education Systems in Japan ・Roles and Relationship of Health Facilities and Services in Japan ・International Issues in Social Development ・Clarification of Issues Related to Health Care Services in your country ・Work out the Action Plan <Finalization Phase> Formulation and submission of reports on present progress of Action Plan	Program Period	2013/ 2/11 ～ 2013/ 3/15
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	

Improvement of Health System in the Remote Areas
へき地での保健医療体制の向上

Group 1280139
Trainers Continuing
12 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

This training program offers participants the idea of how to provide quality health services in the remote areas having difficulties to access to the health facilities in cooperation with public, local organizations and community through a great store of experience of Tokushima prefecture that facing same situation of difficulties to provide health services in remote areas.

Objective/Output	Target Organization / Group
【Course Objective】 Participants develop measures for improving the community health services in the remote areas based on ideas and knowledge acquired through the training program. 【Expected Module Output】 1: To understand Japanese policies and measures on community health system. 2: To acquire practical knowledge to produce community health improvement plan through learning the community health measures which are produced and conducted by Tokushima prefecture. 3: To acquire practical knowledge and ideas how to conduct community based health program by promoting community participation through practical case example of Tokushima prefecture. 4: To develop practical action plan to conduct after returning their own countries.	【Target Organizations】 Provincial health office, District (City) health office in charge of health system in the remote areas. 【Target Groups】 -Persons who are engaged in the community health in the public sector -Those who have more than 3 years practical experience in the community health sector -Those who are collaborating with JICA health project (including JICA Volunteer) are prioritized

Contents		
【Preliminary Phase in home country】 Preparation of inception report on policies and problems of community health in each country. 【Core Phase in Japan】 (Lectures, Case study, Practices, Field visit, Discussion and Presentation) 1: Presentation of inception report, the policies and measures on community health, current community health improvement plans and measures by Tokushima prefecture. 2: Cooperation and collaboration among local health administrations, community health services, referral system, and local health service system, cooperation/collaboration among stakeholders. 3: Community based health services, Method and process on promoting community participation in the community health program. 4: Preparation and presentation of action plan. 【Finalization Phase in home country】 Finalizing action plan with own organization and submit activity report to JICA overseas office within 1 year after the training program.	Program Period	2012/10/10 ～ 2012/11/2
	Implementing Partner	Tokushima International Cooperation (TICO), Nonprofit Organization
	JICA Center	JICA Shikoku
	Cooperation Period	2011～2013
	Remarks and Website	URL; http://www.tico.or.jp/english.html

Health Policy Development
保健衛生政策向上

Group 1280741
Int.Dialogue Continuing
15 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

Learning Japanese experiences of heath policy development through comprehensive discussion on heath sector reform to improve capacity of health policy planning.

Objective/Output	Target Organization / Group
Understanding Japanese experiences on health policy development and building capacity of proper health policy development through lectures and comprehensive discussion. Understanding Japanese experiences in health policy development. Sharing situation and problems on health policies in each country. Understanding structure of health sector financing and applying it to health policy development. Understanding evidence-based health policy and process of health policy development, and applying findings to his/her own setting. Making Final Discussion Note through group work discussion, which includes lessons from Japanese experiences, good examples from other countries, feasible health policies and his/her possible role.	(Target Organization) Ministry of Health or other organizations responsible for health policy development (Target Group) 1)Top ranking administrators of the national government in charge of health administration or the equivalents in public institutions. 2)be those who are in a position to participate in planning and deciding the national health administration policy. 3)have sufficient command of spoken and written English

Contents		
History and system of public health and health care in Japan, Health policy in Japan, Field visit to a Public Health Center and hospital, Visit to the Ministry of Health Labor and Welfare. Presentation of each Inception Report, focusing on Health Sector Reform, Human Recourse Development, Mother and Child Health or Infectious Disease Control. Health Sector Financing Evidence-based health policy, Health policy development, Human resources development, Discussion with JICA officers. Group work discussion, Finalizing Final Discussion Note, Presentation and discussion. Theme of Final Discussion Note will be selected from Health Sector Reform, Human Recourse Development, Maternal and Child Health or Infectious Disease Control.	Program Period	2013 / 1/20 ～ 2013 / 2/2
	Implementing Partner	National Institute of Public Health
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

The Specialist in Healthcare Associated Infection Control and Prevention
院内感染管理指導者養成

Group 1280773
Solution Continuing
14 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

The key components of Healthcare associated infection control measures are "Practice of Basic techniques", "Establishment of the system" and "Behavioral modification". Participants shall have opportunities to understand principles and practices through a series of lectures, workshops and site visits, and to formulate an action plan to solve problems in their hospitals. It is expected that their experiences will impact positively on other hospitals in their countries.

Objective/Output	Target Organization / Group
【Objectives】 This course aims to help the participants implement more effective policies and practices for nosocomial healthcare-associated infection control in their own hospitals. 【Outputs】 (1) To understand principles of healthcare-associated infection control (2) To understand actual practices of healthcare-associated infection control (3) To formulate an action plan to solve problems related to healthcare-associated infections in participants' own health facility (4) To report the progress of implementation of the action plan	【Target Organizations】 Core hospitals at the national and regional levels having an infection control committee (ICC/ICT) or an equivalent

Contents

(1)Core Phase (activities in Japan):
1) Outlines of healthcare-associated infection control
2) Infection Control Committee (ICC) and Infection Control Team (ICT) and their system
3) Roles of Infection management nurses and link nurses and observation of their activities
4) Formulation of action plans, etc.

(2)Finalization Phase (activities in home country)
Participants are expected to implement the action plan (interim report) and report on progress within six (6) months after the end of the phases in Japan.

Program Period	2012/10/24 ～ 2012/11/17
Implementing Partner	National Center for Global health and Medicine
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2011～2013
Remarks and Website	

Enhancement of Community Health Systems for Infection Control
地域保健システム強化による感染症対策

Group 1280823
Solution Continuing

Target Countries :

10 participants

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

This program is designed for prevention of infectious diseases through enhancement of public health, and focused on following contents.
①Roles of public health and prevention,
②Surveillance system,
③Health program with citizens' participation,
④Communication mechanism of related organizations,
⑤Measures for remote area by utilizing local resources, and
⑥Experience of TB and malaria control in Okinawa.

Objective/Output	Target Organization / Group
<Objectives> This program is designed for health sections of central /regional governments to formulate an effective and feasible health service plan for solving their issues on prevention of infection. <Output> (1) Clarify the issues on infection currently facing to participants and their organizations, and then explain those priorities. (2) Analyze the roles and functions of health administration in Japan and regional governments, linkage systems among institutions concerned and measures for prevention conducted in community levels through the case study of Okinawa Prefecture, and southernmost local government in Japan, then explain the applicable measures in respective countries. (3) Formulate a feasible and concrete project proposal.	<Target Organizations>Department of Public Health of central /regional governments which are responsible for infection control <Target Group> (1)be in charge of planning and management of infection control at health department of central/ regional governments (2)have at least five(5) years of working experience. (3)have a good command of English enough to make a presentation and write a report.

Contents		
<Preliminary Phase in a participant's home country > Formulation of Job Report <Core Phase> (activities in Japan) （1）Method of Project Cycle Management （2）Case Study on the experience of strategic measures taken in Okinawa; Infection Control on Tuberculosis and Parasites, Eradication of Malaria. The System of Public Health Nurse: lecture, observation, discussion. Functions of Health Center and Linkage Systems among Institutions Concerned (Tuberculosis Surveillance, Screening, Information management and Risk management: lecture, observation, discussion) Health Promotion to enlighten the citizens for their behavior modification (Theory and Exercise on Enlightenment of Citizens, Citizens Participatory Activity: lecture, exercise, discussion) （3）Methodology of making project proposal <Finalization Phase >(activities in home country) Within 6 months of the end of the course in Japan, participants are required to implement the plan proposed in the Action plan and report the progress.	Program Period	2012 / 9/19 ～ 2012 /11/10
	Implementing Partner	Okinawa Prefectural Nursing Association
	JICA Center	JICA Okinawa
	Cooperation Period	2011～2013
	Remarks and Website	Participants: be related with JICA programs in this field will be preferable.

Hospital Pharmacy - for Hospital Pharmacists -
病院薬学 -病院薬剤師のために-

Group 1280873
Trainers Updated
10 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

This program is designed for hospital pharmacists engaged in drug management in core hospitals, which bear a key role in the region or country to have an opportunity to acquire practical knowledge and skills necessary for hospital pharmacists through understanding the drug management of Japanese hospitals and sharing the experience of disaster support from the Tohoku earthquake and tsunami.

Objective/Output	Target Organization / Group
【Objective】 The expected module outputs for the improvement of the management of medicines in the participants' hospitals will be achieved. 【Objective for each unit】 To understand duties and roles of hospital pharmacists, obtain practical skills and knowledge for systematization of the hospital, hospital pharmacy, medical care team, etc., and become able to explain them To learn practical skills and knowledge of drug procurement, storage, administration and distribution, and become able to explain those learned expertise To acquire practical skills and knowledge of proper dispensing and become able to explain what is acquired To obtain practical skills and knowledge of appropriate collection, evaluation and provision of drug information, and become able to explain what is obtained	Medical institutions that (1) play a key role in the country and (2) can offer relatively advanced medical care as a core hospital. Hospital Pharmacist More than five years' experience in management of medicines at a hospital as pharmacist's duty. Having a responsible poison or a capacity as a leader to spread the technology and knowledge acquired from the course in each country.

Contents		
Management of Hospital Pharmacy, Hospital Function Systematization, Infectious Diseases and Pharmacists, Usage of Disinfectants, Pharmacists' Role in a team medical care, ward(in & out) and disaster measures Management of Medicines,Inventory Control of Medicines (including Procurement, Safekeeping, Management, Distribution) , Drug Control Instruction at wards Optimal Procedure of Dispensary,Check Points after Dispensary,Dispensary at a Hospital,Mixing Injection Drug Drug Information, Collection, Evaluation and Provision of Drug Information ,Clinical Pharmacokinetics / Pharmacodynamics,Clinical Pharmacy,Safety Control for Patents,Team Medical Care and Drug Information Provision To formulate an action plan in accordance with the backgrounds of each participant through the workshop and discussions	Program Period	2012 / 9/26 ～ 2012 /11/1
	Implementing Partner	Japan International Medical Technology Foundation
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2012～2014
	Remarks and Website	

Health Planning Development by Health Futures Methodologies
保健未来学に基づく保健医療政策開発

Group 1280906
Solution Continuing
19 participants

Target Countries : Whole World
Sector : Health/Health System
Sub-Sector :
Language : English

Appeal

Due to dramatically change of health environment by socio-economic change, emerging-reemerging communicable diseases, increase of non-communicable diseases etc., health policy development based on past trend basis is no longer effective. In this course, we develop future health leaders who can develop health policies in wide perspective from community level to global level, planning their own by Health Futures Methodologies, such as future-health-demand-forecasting method.

Objective/Output

[Objective]On the global view, Health planning issues are identified or Health Policy/Planning (draft) is developed, and they are shared among health leaders. Human network for Policy Dialogue is also formulated.

[Output]
1. Issues on current health policies are identified and future vision is clarified.
2. To understand the Methodologies on health policy development and planning as the basic knowledge for leaders.
3. To get knowledge, skills and wisdom for upgrading health care system and strengthening health policy and to be able to compare the own country's situation with Japanese.
4. To identify Health planning issues or develop Health Policy/Planning (draft), and present them at the International Symposium. Action Plan is also formulated.
5. Submit 3-months progress report on Action Plan

Target Organization / Group

[Target Organization]
National or local governmental organization such as Ministry of Health, Faculty of Medicine in University, Health Institute which is responsible for formulating and promoting health policies or health programs.

[Target Group]
1. Middle and over career official.
2. Has more than Medical Doctor degree or Master degree in Medical/Public Health Field.

Contents

[Preliminary Phase] Report on the Health indicator of respective countries.

[Core Phase]
1. Sprit of the course-Leadership Development, Creating Vision for Future Policies
2. Lecture on Population Strategy, Health Forecasting, Health Planning and Policy Development, Health Service, Health Reform, Managed Care, EBM, Health Financing, Strategic Management in Health Care, Traditional Medicine, Project M&E.
3. Lecture on History and people's health, Health and Welfare, Preventive Medicine, Nutrition and NCD, Occupational Health, Environmental Health, Risk Management, and Field visit on health prevention facilities, hospitals and welfare facilities, Mass casualty medicine in Kobe, Hiroshima
4. Lectures for stimulation on preparation of presentation at International Symposium, which theme will be settled in each year. Coaching for action plan development.

[Finalization Phase]Coaching for implementing Action Plan.

Program Period	2012 / 7 / 23 ～ 2012 / 8 / 30
Implementing Partner	Tokai University and WHO
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	

Good Governance of Medicines for Pharmaceutical Regulation Authorities
薬事行政

Group 1280913
Solution Continuing
9 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

This program is designed for Pharmaceutical administrative officers to contribute developing legislation system and policy enhancement in respective countries.

Objective/Output	Target Organization / Group
To formulate improvement plan to develop pharmaceutical administration in accordance with the actual situation of the participating countries, or related Division, Department, Organization, and it will be shared and discussed at their work place. (1)To understand principal of Japanese pharmaceutical administration and share experience of participating countries in addition to the international pharmaceutical circumstances. (2)To organize future challenges for the pharmaceutical implementation system. (3)To be able to understand and explain a pharmaceutical activities of local government, pharmaceutical companies and universities. (4)To point out the problems that participants or related department are facing and formulate improvement plan to remediate a problems.	(1)Current Duties: be senior administrative officers (Director or Deputy Director) who are engaged in planning or administration of the pharmaceutical affairs services. (2)Educational Background: have an adequate knowledge on the over all aspects in the pharmaceutical affairs administration and the basic pharmaceutical science. (3)Be expected to continue their careers in pharmaceutical affairs field,

Contents

【Preliminary Phase】
Formulate inception report

【Core Phase in Japan】
(1)Japanese Pharmaceutical System, ICH for Pharmaceutical legislation and new GMP, Japanese Pharmacopoeia , Country report presentation, Establishment of pharmaceutical administration on developing countries, discussion.
(2)Japanese Pharmaceutical Inspection & Guidance, The Function and Role of PMDA, Pharmaceutical Approval System in Japan, Measures for the Safety of drugs, Blood products, Relief System for Sufferers from Adverse Drug Reactions, Drug research and development,Visiting National Testing Lab.
(3)Vaccines in Japan,Japanese Pharmaceutical Industry, Japanese Traditional Drugs,Pharmaceutical Administration in local government, Visiting Local Institute of Public Health,Drug Wholesaler,Community Pharmacy,Drug Manufacturer,Herbal Garden,Japan Pharmaceutical Association,College of pharmacy
(4)Group exercise, Improvement plan presentation

【Finalization Phase】
Formulate progress report

Program Period	2012 / 11 / 13 ～ 2012 / 12 / 8
Implementing Partner	JICWELS
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Quality Management of Essential Medicines -Good Manufacturing Practice (GMP) and Inspection-
必須医薬品製造品質管理(GMP)

Group 1280914
Solution Continuing
13 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

This program is designed for administrators who are in charge of manufacturing control of essential drugs to improve manufacturing control of essential drugs

Objective/Output	Target Organization / Group
The improvement plan for improve pharmaceutical manufacturing and quality control will be proposed by participants during the program in Japan and it will be shared and discussed at their work place. (1)To understand principal of the Japanese pharmaceutical manufacturing and quality control administration and share experience, circumstances of participating countries. (2)To point out issues of the implementation system of GMP inspection in participating countries. (3)To understand the how to implement GMP at pharmaceutical company etc. in Japan and point out future actions for enhance system of pharmaceutical manufacturing and quality control in participating countries. (4)To point out the problems that participants or related department face today and propose improvement plan to remediate a problems. And the plan will be shared and discussed at their work place.	(1)Current Duties: be either government pharmaceutical inspectors or key personnel of national pharmaceutical corporations. (2)Educational Background: have enough knowledge of Good Manufacturing Practice (GMP). (3)Be expected to continue their careers in government pharmaceutical inspectors or key personnel of national pharmaceutical corporations' field.

Contents		
【Preliminary Phase】 Formulate country report 【Core Phase in Japan】 (1)Pharmaceutical Administration,Pharmaceutical Inspection and Guidance in Japan ,Japanese Pharmacopoeia, International harmonization of technical requirements for registration of pharmaceuticals and New GMP,Country report presentation (2)Outline of Drug Manufacture Ⅰ/Ⅱ, Points of GMP Inspection ①,②,③,④,⑤, Japanese Pharmacopoeia, Study visit to Drug Manufacturing Factory, Study visit to examination and test device manufacturer (3)GMP implementation at Pharmaceutical Company, Activities of Quality & Technology Committee, Overseas activities of Japanese Pharmaceutical Company, Quality Assurance of Drugs, System of GMP inspection and guidance, Counterfeit drugs control etc. (4)Group exercise, Improvement plan presentation 【Finalization Phase】 Formulate progress report	Program Period	2012/11/13 ～ 2012/12/8
	Implementing Partner	JICWELS
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Food Safety Policy Making and Management
食品安全政策立案･管理

Group 1280925
Int.Dialogue Continuing
8 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

It is important for Japan to make sufficient food safety policy decision and management by exporting countries. So we made a senior-class officer of those countries learn Japanese food safety system to improve policy making and management system by lecture, discussion and so on.

Objective/Output	Target Organization / Group
The participants will learn systems and present situation of food safety administration in Japan, and are expected to improve food safety administration in their respective countries and to develop safer food trade between Japan and their respective countries, as well as to contribute to the development of international cooperation. Participants will make policy recommendation after returning home based on the Summary Report.	(Target Organization) Ministries or Agencies in charge of policy making and management of food safety (Target Group) Senior executives, who are in charge of policy making and management of food safety in competent ministries /agencies in their countries having a close trade relation with Japan. having a sufficient command of both discussion and presentation in English,

Contents		
Japanese food administration system including lectures,site visits(local government,market) Japanese Imported food safety system including site visits(Quarantine Station and Laboratories) Visiting MAFF and other ministries and agencies Presentation, Discussion and Preparing Reports	Program Period	2012 / 8/26 ～ 2012 / 9/8
	Implementing Partner	Japan Food Hygiene Association
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Hospital Administration and Health Services Management
病院管理技術とヘルスサービスマネージメント

Group Trainers | 1280959 Continuing

16 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

To attain this purpose, the participants are expected to acquire general information on health resource management through the lectures, case studies and group discussions arranged in this course. Moreover, it is also meaningful to acquire practical knowledge through studying Japan's cases in the field of health and medical care, which has received high evaluation in the world.

Objective/Output	Target Organization / Group
To strengthen individual competencies for hospital administration and hospital services management to improve quality and safety in patient care under limited resources. 1)To understand health care related experiences in Japan as one of models in health sectors under a global trend such as aging, comparing with their own experiences in developing countries 2)To understand and demonstrate knowledge and skills of total quality management and patient safety management through a case-study 3)To acquire knowledge and skills necessary for health services management 4)To further their knowledge to improve health services management and to develop some action plans based on what they learn in the course	This program is designed for 1)officers who are engaged in hospital administration at top level management (e.g. director and/or deputy director of hospital) , or 2)government officers responsible for district health care or hospital administration

Contents

【Preliminary Phase】
Analysis of current situation among participating countries

【Core Phase in Japan】
(1)To understand Japan's case and experience as a model of global trend of health systems
(2)To comprehend the measures for total quality management and patient safety management on health services by solving the presented cases
(3)To gain the necessary knowledge on management issue according to the needs of each country such as:1)personnel management, 2)material management, 3)financial management, 4)marketing
(4)To summarize their learning and countermeasures as a final report in order to provide high quality and efficient health services back home

【Finalization Phase】
To share and report to colleagues

Program Period	2012 / 8 / 30 ～ 2012 / 10 / 6
Implementing Partner	National Institute of Public Health
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Health Systems Management
保健衛生管理

Group 1280960
Solution Continuing
15 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :Health/Health System

Language :English

Appeal

Competency, especially managerial skill, of health workforce in the participating countries are improved to cope with current health issues such as health sector reform, quality enhancement of health services, securing of limited resources etc. through identifying the challenges of their organization, followed by formulating "Action plan" and implementing.

Objective/Output	Target Organization / Group
Competency, especially managerial skill, of health workforce in the participating countries are improved to cope with current health issues such as health sector reform, quality enhancement of health services, securing of limited resources etc. through identifying the challenges of their organization, followed by formulating "Action plan" and implementing. (1)To understand and be able to explain various methodologies of administrative management of public health (2)To be able to formulate plans based on the various methods of administrative management (3)To acquire the capability of leadership for administrative management of public health. (4)To acquire the ability of administrative management of public health (5)To arrange supportive environment and human network to implement Action Plan after returning to their home countries.	Organization or educational institutes having roles of public health administration in central government and local health service bureaus. ●1st year (2010) :Government official or technical experts who concerned in "planning or management" ●2nd year (2011):Government official technical experts who concerned human resources development. ●3rd year (2012):Regional official who concerned in management human resources or Government official (junior level) who concerned in "planning or management"

Contents

【Core Phase in Japan】
(1)-1 Analysis of current situation among participating countries:
(1)-2 Outline of Public Health Administration:
(2)-1 Policy / Project Planning:
(2)-2 Formulation of Action Plan
(3) Leadership Development & communication skill, IEC(Information, Education and Communication), BCC(Behavioral Change and Communication),Competency-based Training
(4) Health Financing , Strategic Management of Health Care, Total Quality Management, System Thinking, Human Resources Development and Management, Epidemiological Analysis, Participatory Occupational Health
(5) Participatory Approach, NGO, Fund Raising, Advocacy, Networking

【Final Phase in home country】
(1)Implementation of Action Plan and formulation of progress report

Program Period	2012 / 5/17 ～ 2012 / 7/21
Implementing Partner	National Institute of Public Health
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Lifestyle-Related Diseases Prevention
生活習慣病予防対策

Group 1280985
Solution Continuing
7 participants

Target Countries :

Sector :Health/Health System

Sub-Sector :

Language :English

Appeal

・Participants will actually participate in the Health Promotion Program throughout the training course. They will have health check-ups before and after the participation, so that they will see the effectiveness of the training program.
・In the training course, each participant will have a class to cook his/her country's dishes and receive advices of how to make them more healthful.
・Each participant will receive sufficient technical support from experts in various areas for making an Action Plan that would promote his/her country's lifestyle-related disease prevention programs.

Objective/Output	Target Organization / Group
【Program Objective】 The organizations which are currently engaged in Lifestyle-related Diseases Prevention draft prevention plans, and the plans are operated through acquired knowledge and skills from this training course. 【Expected module output】 1. A plan for three years to solve problems in area of responsibility can be formulated by selecting adequate method among Japanese experience and measures, and useful and concrete method. 2. Based on the plan formulated in the first year, measures implemented in Japan to solve specified problems are understood. Also, the challenges to implement and necessary activity in area of responsibility are identified. 3. Concrete plans can be formulated based on acquired knowledge, technology and analysis result. 4. Formulation of Action Plan	【Target Organizations】 Offices/divisions/departments in charge of policy-making for lifestyle-related diseases (LSRD) in the health administration of central or local government. The followings are the priority organizations: Center for Disease Control and Prevention in China; Ministry of Health in the Philippines and Sri Lanka. 【Target Group】 2010: managerial/division director level 2011/2012: officer level ・More than 3 years' experience in the field of LSRD ・Currently or will be in charge of LSRD prevention and continue working in the same workplace for the next three years.

Contents		
【Module 1】 ・Exercise guideline and program ・Meal guideline and diet education ・Tobacco Control ・Stress Management ・Health promotion measures ・Diabetes and obesity prevention program ・Resident consciousness survey ・Advices at health check-ups 【Module 2】 ・Human resource development ・Data analysis and project assessment methods 【Module 3】 ・Planning of improvement measures for lifestyle-related disease prevention 【Module 4】 ・Guidance and presentation of Action Plan	Program Period	2012 / 5/20 ～ 2012 / 6/23
	Implementing Partner	Comprehensive Health Science Center, Aichi Health Promotion Foundation, Aichi Health Plaza (AHP)
	JICA Center	JICA Chubu
	Cooperation Period	2010～2012
	Remarks and Website	This training course includes lectures and practices that demand physical activities. http://www.ahv.pref.aichi.jp/hp/menu000000700/hpg000000656.htm

Health Administration for Regional Health Officer for Africa
アフリカ地域 地域保健担当官のための保健行政

Region-Focused Solution | 1284024 Continuing

12 participants

Target Countries : African countries

Sector : Health/Health System

Sub-Sector :

Language : English

Appeal

The course contents are regional partnership, activities of pioneer public health nurse, prevention and countermeasures for infectious diseases with experiences in Hokkaido to provide high quality service in low population area. Practical training as PCM, hospital management improvement by TQM/5S, and actual case studies of JICA project shared with JICA experts will lead to concrete and feasible action plan.

Objective/Output	Target Organization / Group
<Course Objective> Regional administrative officer will propose concrete and feasible solutions for health care plan and improvement of government services, and it will be considered in participants' organizations. <Objective for each unit> -To learn policy on health, medical treatment and welfare systems and role of government in Japan and to build the foundation for effective policy in participants' countries -To acquire essential knowledge and skills to formulate regional health care plan -To learn experiences of measure against local health problems in Hokkaido through the case studies and to have feasible solutions in participants' countries -To clarify the health problems/issues to be solved in participants' region/area -To propose local health care plan based on the problems in their countries, and to consider ways to spread them among local communities after returning	<Target Organization> Organization and department in charge of regional health care plan and service <Expected Job Title> Regional administrative officer for local health care <Expected Job Experience> 5 years or longer

Contents		
・Health and social welfare policy in Japan and Hokkaido ・The activities and roles of public health centers and public health nurses ・History of regional health and pioneer public health nurse ・Countermeasure against infection disease ・Maternal and child health, Child health and School health in Japan ・Medical systems in isolated areas and referral system ・Environmental health and industrial health in Japan ・To enhance health care in Africa and to learn actual practice in Africa ・To learn PCM, to analyze participant's problem in their respective region, specify the problem and formulate health and social welfare plan ・How to spread action plan to the people in the region, how to present it and how to appeal it	Program Period	2012 / 6 / 26 ～ 2012 / 8 / 11
	Implementing Partner	Asahikawa Medical College
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2011～2013
	Remarks and Website	

Safety of Transfusion Medicine
安全な輸血医療

Region-Focused Solution | 1284044 Continuing

Target Countries : Central America and Caribbean region countries(Spanish)

13 participants

Sector : Health/Health System

Sub-Sector :

Language : Spanish

Appeal

This program is designed to promote problem solving concerning blood screening techniques, systems and capacity in participant's organization by learning theory and techniques of blood screening and transfusion therapy in Japan. Japan's experience can be applied to strengthen blood screening capacity and blood screening system including blood bank system, and to promote volunteer blood transfusion.

Objective/Output

<Course Objective>
Participant's knowledge and techniques concerning blood screening and transfusion therapy are improved, and problem on the area is specified, and Action Plans for improvement are formulated in each participant's organization.

<Objective for each unit>
-To be able to explain theory and standard of blood safety.
-To acquire knowledge and techniques of blood screening and evaluation.
-To be able to explain transfusion therapy.
-To understand blood screening system and formulate action plan for improvement.
-To report the status of implementation of action plan after 6 months of core phase in Japan.

Target Organization / Group

<Target Organization>
Hospital, research institution, university and administrative organization in charge of blood screening or transfusion therapy

<Expected Job Title>
(1) Medical doctors or laboratory technologists working in blood transfusion services in hospital, research institute, university, or blood bank
(2) Manager of mid-level or above in fields related to blood screening

<Expected Job Experience>
Over 5 years experiences

Contents

<Preliminary Phase>
Formulation of report to present current situation in the participant's country

<Core Phase in Japan>
1. Blood supplying program and blood safety in Japan, Global strategy of blood safety, Blood transfusion services, Management of blood transfusion services using computers, Infectious disease surveillance, Syphilis, Control of blood transmitted disease: HIV, dengue fever, malaria etc.
2. Blood screening techniques, Blood transfusion and diagnostic medicine, Viral serological testing, Blood products and quality control
3. Volunteer blood donation, Theory of blood transfusion, Transfusion Therapy, Autologous blood transfusion
4. Blood transfusion services in Japan, Blood supplying system in Japan, Role of blood transfusion service in university, Biosafety, Job report presentation, Action plan presentation

<Finalization Phase>
Implementation of the formulated plan, and report progress in the form of final

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	

Disaster Nursing and Rehabilitation Course in Asia
アジア地域 災害看護･リハビリテーション

Region-Focused Solution | 1284059 Continuing

Target Countries : Asian countries which had a major disaster before

12 participants

Sector : Health/Health System

Sub-Sector : Health/Health System

Language : Vietnamese

Appeal

In this training program, participants are able to learn following items:
1) The fundamental concept of disaster.
2) How to build up the linkage system for disaster prevention.
3) How to act as a member of medical team in disaster.
4) How to treat the mass victims in disaster at the hospital.
5) The basic concept of rehabilitation nursing.
6) The actual rehabilitation activities.
7) Cooperation system among different professionals at the hospital.

Objective/Output

【Objectives】
Basic direction for continuous care from acute medical service to rehabilitation for recovery will be organized.

【Outputs】
(1)To be able to organize the task about specific management system in times of disaster.
(2)To be able to organize the task about specific approaches to establish continuous care system from acute stage to rehabilitation stage.
(3)To be able to organize the task about specific approaches to improve the environment surrounding victims.
(4)To be able to arrange the task about leadership and management that need in the organization to provide continuous medical services.
(5)To formulate an Action Plan for cooperation system inside and outside of hospitals and collaboration with local communities.

Target Organization / Group

【Target Organizations】
Hospitals which have a section for disaster, emergency and rehabilitation services

【Target Group】
1. Disaster manager of hospital (director, deputy director, secretary, directors of nursing)
2. Leader of physical therapist or occupational therapist working at the same hospital
3. Person who is in charge of (1) or (2) and has at least one year experience
4. It is desirable to continue to be dispatched from the same hospital during cooperation period (3 years)

Contents

【Preparatory phase(Before coming to Japan)】
Inception Report describing disaster nursing and rehabilitation management at the hospital is developed.

【Program in Japan】
(1)Fundamental subjects in disaster, Management system in the hospital in disaster, Cooperation system between hospitals and administration side in community, Disaster preparedness dissemination method for the people.
(2)Importance of medical care in acute stage in disaster, Collaborative relations between core hospitals and referral hospitals in community, Effects of team approach, Rehabilitation guidance for families and dissemination of importance of rehabilitation,
(3)Changes of life environment of the victim after disaster and his/her health condition, Support health condition, rehabilitation steps for difficulties of living, Spread of rehabilitation activities,
(4)Human relations in organization and team management, Leadership,
(5)Disaster prevention simulation training, Rehabilitation skill training

【Post-program activities (After participants' return)】
Monitoring the progress by sending a questionnaire in 6 months.

Program Period	2012/10/ 3 ～ 2012/11/3
Implementing Partner	The International Nursing Foundation of Japan
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2011～2013
Remarks and Website	

Improvement of Regional Health Care for JOCV's Counterpart Personnel in French-spoken African Countries
アフリカ地域(仏語圏)地域保健能力向上(協力隊員カウンターパート)

Region-Focused Solution | 1284072 Continuing

12 participants

Target Countries : French spoken country in Africa

Sector : Health/Health System

Sub-Sector :

Language : French

Appeal

This course is for counterparts of JOCV, so it is expected that participants will get understandings of persons concerned easily when they try to implement an action plan. Generally other training courses of health care fields are for socially high class people such as medical doctor, head of health center, directors etc. Persons who are working at fields have a few chances to have training. This course is for people who are working together with JOCV, so it is expected that participants will improve the situation of field's level. In this course, participants will learn the approach of regional health care improvement through community participation without depending on the financial resources and infrastructure.

Objective/Output

【Objectives】
The counterparts of JOCV formulate an action plan for promoting health care through facilitating community together with JOCV and respective organization.

【Outputs】
(1) To understand the role of government and the importance of regional health care for community through experiences of regional health care activities of Japan.
(2) To understand the method of working together with persons concerned with regional health care and to enhance facilitation and management capacities of health care volunteers and community.
(3) To make a regional health care plan of community participation and make a draft of action plan of regional health care activities which will be implemented by participant's organization and JOCV.

Target Organization / Group

【Target Organizations】
Related organizations in the 4 french-spoken African countries, where Japanese volunteers in the health sector work with their counterparts.

【Target Group】
<Position>Those who in charge of health or school health such as a leader or staff of a health center, principal of a school where Japanese volunteers are dispatched.
<Experience>Those who know much about regional health care and work with Japanese volunteers.
<Others>Be in a good health and not pregnant.

Contents

【Preliminary Phase in a participant's home country】
To recognize activities and issues of JOCV, Health care workers, regional health care volunteers.
To recognize the improvements points of existing regional health care plan through discussion with decision makers of regional health care plan in participant's organization and JOVC.

【Core Phase in Japan】
(1) Japanese culture and regional society
(2) Health care system of Japan
(3) Community-based Health care activities
(4) Town building through community participation
(5) Health education at elementary school
(6) Public awareness by community radio
(7) Reproductive health right
(8) Public health nurse of Japan
(9) Presentation of report, sharing meeting, formulation and presentation of an action plan

【Finalization Phase】Participants will make an action plan of regional health care of community participation through discussion with persons concerned and JOCV, and implement health service activities at community level.

Program Period	2012 / 6/11 ～ 2012 / 7/14
Implementing Partner	International Nursing Foundation of Japan
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	This program focuses on the applicable know-how in African situation and on the practical sessions which is useful to work with JOVC (such as on role-play and team work) and comparison between participant's country and Japan.

Medical Equipment Maintenance Course in Africa
アフリカ地域医療機材管理･保守

Region-Focused Trainers | 1284080 Continuing

8 participants

Target Countries : Angola,Mozambique

Sector :Health/Health System

Sub-Sector :

Language :English/Portuguese

Appeal

In the coming course, administrators for the first year, engineers for the second year are invited to upgrade the medical equipment management and maintenance in the countries.

Objective/Output	Target Organization / Group
【Objectives】 The action plan on the dissemination for the method of the medical equipment maintenance management is formulated 【Outputs】 (1)The participants will understand the general institution and implementation system concerning the medical equipment maintenance and the management in Japan. (2)The participant will understand the basic work and concept for the medical equipment maintenance and management. (3)The participants will acquire the knowledge of electricity and the electronics will be able to explain an electric working of equipment. (4)The participants will acquire the knowledge of the medical engineering and will be able to explain the relation between the living body and equipment. (5)The participants will be able to elaborate the training program at the home country.	【Target Organizations】 Ministry of Health, National General Hospitals, Regional Central Hospitals, Medical Institute 【Target Group】 (1) Officers who belong to target organizations (2) University graduates or equivalent (3) Age: less than 35 years old (4)Individuals with a good command of Portuguese (5) Individuals engaging in the medical equipment maintenance and management with at least 4 years of work experience

Contents		
<Preliminary Phase > ・Country Report on medical equipment management <Core Phase in Japan> (1)Medical equipment maintenance and the management in Japan. (2)Basic work and concept for the medical equipment maintenance and management. Method of management and maintenance of medical equipment. (3)Electricity and the electronics (4)Medical engineering (5)Elaboration of the training program at the home country. ・Basic curriculum design for training concerning medical equipment maintenance and management ・Preparation of Action plan <Finalization Phase > ・Implementation on action plan	Program Period	2013 / 1/ 7 ～ 2013 / 3 /23
	Implementing Partner	Medisun co.,ltd.
	JICA Center	JICA Tohoku
	Cooperation Period	2011～2013
	Remarks and Website	This course will be held for two times for different languages: Portuguese and English.

Medical Equipment Maintenance Course for French-Speaking Countries in Sub-Sahara Africa
サブサハラ・アフリカ(仏語圏)医療機材管理・保守

Region-Focused Trainers | 1284093 Continuing

9 participants

Target Countries : Haiti,Djibouti,Benin,Senegal,Burundi,D.R.Congo

Sector :Health/Health System

Sub-Sector :

Language :French

Appeal

Skills and techniques on medical equipment maintenance of medical equipment engineers are expected to improve after participation of the course.

Objective/Output	Target Organization / Group
【Objectives】 Skills and techniques on medical equipment maintenance for participants belonging section is improved. 【Outputs】 (1)To formulate inception reports regarding the challenges for medical equipment maintenance in participants countries (2)To be able to explain the basic techniques and concept for the medical equipment maintenance (3)To be able to explain the basic work and concept of electricity and the electronics for the medical equipment maintenance (4)To be able to explain the basic work and concept of the relation between the living body and equipment for the medical equipment maintenance, (5)To elaborate medium-term action plans	【Target Organizations】 Ministry of Health, National General Hospitals, Regional Central Hospitals, Medical Institute 【Target Group】 (1) Engineers who belong to target organizations (2) University graduates or equivalent (3) Age: less than 35 years old (4)Individuals with a good command of French (5) Individuals engaging in the medical equipment maintenance and management with at least 5 years of work experience (6) Individuals in good health, both physically and mentally, to undergo the course of training (7)Must not be serving any form of military service

Contents

<Preliminary Phase>
・To formulate and submit inception report regarding medical equipment maintenance in participants belonging organization.・To submit the list of medical equipment, if you have

<Core Phase in Japan>
・Presentation on the inception report
・5S (Sort,Set in Order, Shine, Standardize, Sustain)
・Making inventory of equipment and management method
・Lecture and practice concerning electrical/electronic eng.
・Lecture and practice concerning living body physicality, biomaterial, bioinstrumentation and safety management ・Lecture and practice concerning safety management
・Study tour of the hospital and manufacturer ・To elaborate medium-term action plans

<Finalization Phase >
・Implementaion on action plan

Program Period	2012 / 4/23 ～ 2012 / 7/7
Implementing Partner	Medisun co.,ltd.
JICA Center	JICA Tohoku
Cooperation Period	2010～2012
Remarks and Website	

Development of Health Experts in Island Regions of Asian and Pacific Countries, Using a Problem-based Solution Method
アジア･大洋州島嶼地域 問題解決型の保健専門職人材育成

Region-Focused Trainers | 1284099 Continuing | 9 participants

Target Countries : Asian and Pacific countries

Sector : Health/Health System

Sub-Sector :

Language : English

Appeal

This course focuses on the double burden of MCH/infectious diseases, and NCD in developing island countries, and conducts the four units; 1) Gaining knowledge; 2) Experiencing health promotion activity in island regions; 3) Practice of problem-based solving method, “Problem Tree”; 4) Making action plan. This course contributes to the development of human resource and programs for comprehensive health control, and the Problem Tree is a suitable simple method for island and remote regions.

Objective/Output	Target Organization / Group
【Objectives】 Training Plan for human resource development of doctors, public health nurses and midwives with the skill of comprehensive preventive approach for both of infectious diseases and lifestyle-related diseases are formulated in participant's organization. 【Outputs】 (1) To be able to explain the current situation and policies for remote islands (2) To be able to explain mother-child health administration and activities on remote islands (3) To be able to understand the lifestyle diseases on remote islands and their causes and compare with the cases in participant's country (4) To be able to understand and implement health promotion activities which utilize the characteristics of remote islands (5) To formulate a Training Plan for human resource development	【Target Organizations】 Ministry of Health Hospital, health post, and clinic 【Target Group】 1)be in charge of management of raising nurses, public health nurses, and midwives who are involved in planning and managing of the activity on prevention approach in health care, in terms of maternal and child health, and adulthood lifestyle-related diseases. 2)be a graduate of university or equivalent level. 3)have a competent command of spoken and written English 4)Age: be above 30 and under 45 years of age

Contents		
<Preliminary Phase>Formulation of report to present current situation in the participant's country <Core Phase in Japan> (1) ・System of community medicine in islands (primary care, emergency, telemedicine) Administrative activity for health care in small islands without doctors, and islands with middle and large population (2) ・Activity for maternal and child health in islands of Kagoshima ・Mother-and-baby notebook (3) ・Obesity and lifestyle-related diseases in islands of Kagoshima・Factors of lifestyle-related diseases in islands of Kagoshima・Method and usefulness of survey to investigate risk factors for prevention (4) ・Activity to teach children about a healthy diet ・Utilization of thalassotherapy, folk music and dance ・Round system of population-based health check ・Community-based volunteer activity for dietary habit improvement (5) ・Make the report and presentation on Training Plan <Finalization Phase> Implementation of the formulated plan, and report progress in the form of final	Program Period	2012/10/ 8 ～ 2012/11/11
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	

Management of Medical Service in Disaster for Andean Countries
アンデス地域災害医療マネージメント

Region-Focused Solution | 1284118 Continuing

12 participants

Target Countries : Andean Countries

Sector : Health/Health System

Sub-Sector : Water Resources/Disaster Management/Other Water Resources/Disaster Management Issues

Language : Spanish

Appeal

To promote management system of administrative organizations and medical services in case of disaster, and to contribute to mutual collaboration and formulation of network between the participating countries for this training course.

Objective/Output

【Objective】
To formulate action plan on improving the management system integrated both administration and medical services in disasters

【Outputs】
1.Polices and measures on disaster prevention of Japanese government and Hyogo prefecture
2.Coordination between administration and medical services at the time of disaster
3.Disaster medicine
4.Disaster prevention in community and region
5.Action plans for the respective countries

Target Organization / Group

【Target Organizations】
Organizations related to disaster medical care or emergency medicine

【Target Group】
- Officials in charge of disaster medical care in central or regional governments
- Medical staff of emergency medical facilities such as doctors, nurses, paramedics, who are engaged in disaster medical care.
- More than 2 years of work experience in the field of disaster medical care is required.
- Be able to disseminate knowledge, experiences and techniques acquired from this training course after returning to their home countries

Contents

Disaster prevention in Japan and in Hyogo Prefecture, coordination between administration and medical services in disasters, response to disaster, disaster prevention in regions and drafting of action plans to improve management system between administration and medical services in disasters.

This will include:
Disaster prevention in Japan and in Hyogo Prefecture, emergency medical care in Japan, health care services in Japan, lessons learned at Great Hanshin-Awaji Earthquake, coordination between administration and medical services in disasters, role of Hyogo Emergency Medical Center, disaster nursing, development of community, health care services in disasters, observation of disaster drills, discussions with related organizations, observation trips to other areas in disaster, and workshop for formulation of action plans.

Program Period	2012/10/29 ～ 2012/12/15
Implementing Partner	Hyogo Emergency Medical Center
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	

Human Resource Development for Improvement of Community Health for Reconstruction
復興における地域保健改善に向けた人材能力開発

Region-Focused Solution | 1284228 Continuing

Target Countries : Iraq, Afghanistan

7 participants

Sector : Health/Health System

Sub-Sector :

Language : English

Appeal

This training is aiming at capacity development of community health activities of nursing personal working in community for improvement of community Health

Objective/Output	Target Organization / Group
<Project Objective> To make improvement plan for community health activity in primary medical institutes or secondary medical institutes. <Expected Module Output> (1)To be able to explain advantage and weakness for medical system of community health in participant's country. (2)To be able to explain the concept of community health. (3)To learn the Japanese experiences in the development of healthcare during the reconstruction period. (4)To be able to explain actual healthcare service in local medical institutes. (5)To learn disaster and risk management in health care system. (6)To be able to make feasible action plan.	Primary medical institute, secondary medical institute Nurse, Midwife, Health worker

Contents		
<Preliminary Phase> Formulation of reports etc. to present current situation of participants' country/organization <Core Phase in Japan> 1. Structure and elements of health system /Japanese healthcare system/Community healthcare system 2. Epidemiology/Primary healthcare, community health/Formulation of partnership and empowerment of local community/nursing diagnosis 3. Infection disease, environment sanitation and water supply, administration of food and nutrition, logistic /Healthcare service in emergency, mental healthcare in emergency, reproductive health in emergency, disaster. 4. Maternal and child health care activity, countermeasure activity to infection disease, and countermeasure activity to disaster by healthcare center./Cooperation from primary to third medical institutes in local community. 5. How to make action plan/Action plan presentation <Finalization Phase> Formulation and submission of reports to present progress of Action Plan	Program Period	2012 / 8 / 27 ～ 2012 / 9 / 22
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Lifestyle-related Diseases (LSRD) Prevention in the Community Health Setting in the Pacific Region II
大洋州における地域保健での生活習慣病予防対策 II

Region-Focused Trainers | 1284260 Updated

12 participants

Target Countries : Pacific Region

Sector : Health/Health System

Sub-Sector : Health/Health System

Language : English

Appeal

This course provides knowledge and techniques for the prevention of LSRD, and understanding through the experience is the basic concept of this training course. Participants recognize their own physical condition through the medical check-up at the initial stage of the training course. After one month exercise in the training course, they can understand how the exercise has effects on their physical condition by the results of another medical check-up. In addition in February, 2012, the follow-up meeting inviting all the ex-participants of this training course was held in Fiji.
We will take the results of this meeting into consideration for the next implementation of this training course. One of expected outputs is teaching materials for dissemination of LSRD prevention measures.

Objective/Output	Target Organization / Group
【Objective】 Participants will plan the program of LSRD prevention in line with reality of their own countries applying their knowledge and skill acquired in Japan, and extends them to the persons concerned. 【Objective for each unit】 (1)To explain the current issue on LSRD and its countermeasures for own countries. (2)To grasp the countermeasures of LSRD prevention and their effectiveness in Japan. (3)To make the practical program of LSRD prevention to implement in each country. (4)To learn the monitoring and evaluation methods for the former unit (3). (5)To review the each country plan of LSRD prevention in local government level.	【Target Organizations】Ministry of health, Provincial health offices, Health facilities government of the provincial or prefectural. 【Target Group】 (1)Person who participates in making the annual plan of prefectural or divisional level on LSRD prevention. (2)Community health nurse or nutritionist works as educational leader, more than 3 years practical experience. (3)It is preferable that the participants have some relationship with other JICA activities.

Contents		
【Preliminary Phase】Formulating a Job Report describing the present situation of LSRD in the pacific region and participants' detailed work and roles of their organization. 【Core Phase in Japan】 (1)To present a current condition and countermeasures of LSRD in each country, and exchange of views among the participants. (2)1)Medical checkup for participants. 2)To learn Japanese structure of LSRD prevention including monitoring and evaluation. (3)1)Medical checkup technique and method of decision 2)Exercise program, nutrition program, smoking cessation program etc. 3)To make materials to educate, to learn educating methods. (4)To learn techniques of monitoring and evaluation with practical form. (5)To incorporate the programs made during the training program in Japan into the each country plan of LSRD prevention of local government level, and review it. 【Finalization Phase in home country】 (1)Sharing the idea of Action Plan with own organization and persons (2)Holding the seminar on LSRD for the regional people and the staff concerned with LSRD.	Program Period	2012/10/15 ～ 2012/11/18
	Implementing Partner	Under Planning
	JICA Center	JICA Hokuriku
	Cooperation Period	2012～2014
	Remarks and Website	This course requires participants to join exercise program.

Evidence-based Public Health: Concepts, Approaches and Tools for Health Policy and Planning for Africa
アフリカ地域　エビデンスに基づく公衆衛生学：保健政策と計画立案のための概念・アプローチ・ツール

Region-Focused Solution | 1284262 Updated

10 participants

Target Countries : Anglophone African countries

Sector : Health/Health System

Sub-Sector :

Language : English

Appeal

This program is designed for making health policy and doing health planning based on evidence, through quantitative and qualitative analysis and interpretation of health and health system data in the participants' countries and through case studies of Okinawa.

Objective/Output	Target Organization / Group
<Objective> Health policies will be drafted based on evidence through quantitative and qualitative analysis at health departments of central/local governments. <Output> (1)To compare and study the present and the past situations of health care systems and policies in Africa, in Japan including Okinawa Prefecture, and at the global level, and to clarify issues of the participating organizations (2)To manage health data with epidemiological and statistical tools (3)To formulate feasible action plan to disseminate and utilize the acquired knowledge and skills	<Target Organization> Ministry of Health, health departments of central/regional governments <Target Group> Current Duties: Those who are in charge of making health policies at health departments of central/regional governments and health officials

Contents

<Preliminary Phase in a participant's home country>
Formulation of Job Report

<Core Phase >(activities in Japan)
(1)Analysis of health systems and policies in Africa, in Japan including Okinawa Prefecture, and at the globallevel (Lecture and Discussion), Issue analysis for participating organizations (Lecture, Exercise, and Discussion)
(2)Case studies on Okinawa Prefecture; Field study in remote areas, Experience of the post WWII reconstruction in public health (Lecture, Observation and Discussion), Health finance (Lecture), Community diagnosis (Lecture and Exercise), Practice on basic epidemiological and statistical analysis of health data using PC (Lecture and Exercise)
(3)Practice on Project Design Matrix (PDM), Formulation of an action plan (Exercise and Discussion)

<Finalization Phase >(Activities in home country)
Within 6 months of the end of the course in Japan, participants are required to implement the plan proposed in the Action plan and report the progress.

Program Period	2013 / 1/16 ～ 2013 / 2/23
Implementing Partner	Under Planning
JICA Center	JICA Okinawa
Cooperation Period	2012～2014
Remarks and Website	Expectations of participants: persons related with JICA programs in this field will be preferable.

Quality Improvement of Health Services by 5S-KAIZEN-TQM
5S-KAIZEN-TQMによる保健医療サービスの質向上

Region-Focused Solution | 1284293 Updated

16 participants

Target Countries : Francophone Africa

Sector : Health/Health System

Sub-Sector :

Language : French

Appeal

This program aims at quality improvement of health services through the improvement of work environment in a medical setting by 5S-KAIZEN-TQM. Participants are required to implement their strategic plans on policy making/implementation of measures elaborated during the program in Japan.

Objective/Output	Target Organization / Group
【Objective】 (1)Work contents will be improved in each pilot hospital by conducting KAIZEN activities based on Strategy Plan. (2)With exhibiting pilot hospital's activity as a showcase, efforts to improve the quality and safety of health services employing 5S will be stated in the Strategy Plan of each country. 【Objective for each unit】 -To identify issues concerning health sector reformation and hospital management in participant's country. -To explain logically the implication of TQM as a mainstreamed corporate management approach based on the full understanding of KAIZEN, 5S and those logical linkages. -To obtain skills, knowledge and sense of leadership through experiences in simulative case analysis for KAIZEN planning. -To learn the reality of KAIZEN practice by visiting a hospital in Japan. -To learn the application of KAIZEN to government hospitals in developing country setting in the Third Country, where TQM was adopted to manage the hospitals. -To be able to formulate the Strategy Plan for the further improvement of quality of healthcare service by using 5S-KAIZEN-TQM.	Ministry of Health and pilot hospitals in the target countries of AAKCP(Asia Africa Knowledge Co-Creation Program) ①Government：Ministerial level decision-makers of the division in charge of national guideline elaboration for quality management of health services. ②Hospital：Top/midlevel manager of a pilot hospitals of AAKCP(Asia Africa Knowledge Co-Creation Program) or equivalent, such as a leader of Quality Improvement Team.

Contents		
1) Formulation and presentation of Inception Report, discussion on the progress, constraints and setback made in the program. 2) Problem analysis by the instruction of lecturers based on the participants' Inception Reports. Lectures on Health system in Japan, review of the concept and methods of 5S-KAIZEN-TQM especially focusing on KAIZEN. Lectures and workshops on KAIZEN concept, process and KAIZEN tools. Direct observation and informal interview to the hospital staff members conducting KAIZEN activities or TQM activities in a hospital in Japan. Site visit to selected departments in a hospital in the third country for observing the accomplishment and the process of KAIZEN. Summarizing what the participant obtained in Japan and the third country, Writing workshop of Strategy Plan with supportive supervision, Presentation and advisory comments on Strategy Plan.	Program Period	2012 / 8/ 1 ～ 2012 / 8 / 31
	Implementing Partner	National Center for Global Health and Medicine, etc.
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2012
	Remarks and Website	

Human Resource Management in Health Sector for French Speaking West and Central African Countries 2
仏語圏中西アフリカ保健人材管理2

Region-Focused Solution | 1284296 Updated

Target Countries : Francophone African Countries | 20 participants

Sector : Health/Health System

Sub-Sector :

Language : French

Appeal

Ce stage de formation a pour objet de permettre aux personnes, chargees de la gestion des ressources humaines en sante (RHS) tant sur le plan politique que sur le plan pratique, d'apprendre l'experience japonaise de la gestion des RHS, d'identifier les enjeux en Afrique francophone, et d'elaborer des plans d'application et des mesures appropriees.

Objective/Output	Target Organization / Group
【Objective】 En s'appuyant sur la "Vision Tokyo 2010", plan d'action commun redige par les participants de la phase precedente (2009-2011), les participants reexaminent le progres et les acquis des activites menees jusqu'ici pour ensuite elaborer et se mettre en accord sur une nouvelle "Vision Tokyo" qui servira comme socle des activites au sein du reseau region. 【Objective for each unit】 Reconsideration du cadre de la gestion des RHS Revision de la Vision Tokyo 2010 Definition de nouveaux objectifs communs et elaboration d'un nouveau plan d'action commun au niveau du reseau regional ainsi renforce	Direction en charge des ressources humaines au Ministere de la Sante (au niveau central) dans les pays francophone africains Directeur, chef de division, responsable de la Direction de la gestion des RHS (ceux censes enrichir le reseau existant au tour des anciens participants. Experience pertinent dans le domaine de la gestion des RHS

Contents		
Confirmer et reexaminer les points de vue fondamentaux pour le developpement des RHS sur la base du cadre de la gestion des RHS (modele Maison). Presenter et partager le progres, l'etat des lieux et les enjeux de la gestion des RHS en se servant la Vision Tokyo et le modele Maison comme repere. 1) Definir et adopter de nouveaux objectifs (nouvelle Vision Tokyo) pour renforcer le reseau regional. 2) Elaborer un nouveau plan d'action et examiner la modalite concrete pour le dialogue continu au sein de la region	Program Period	under planning
	Implementing Partner	National Center for Global Health and Medicine (NCGM)
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2012～2014
	Remarks and Website	

Laboratory Techniques for Diagnosis and Monitoring of HIV Infection
HIV感染診断とモニタリングのための実験室検査技術

Group 1280787
Trainers Continuing
12 participants

Target Countries :

Sector :Health/HIV/AIDS

Sub-Sector :Health/HIV/AIDS

Language :English

Appeal

Participants are exposed to practical knowledge and experiences of leading organizations and individuals in Japan through a series of lectures, workshops and technical visits. They also have a chance to share knowledge and experiences with participants from other countries. By the end of the course participants are assigned to formulate and present an action plan describing how they would apply and transfer the knowledge and technique in the respective workplace.

Objective/Output	Target Organization / Group
【Objectives】 Knowledge and skill which is essential for Laboratory Management for Diagnosis and Monitoring of HIV Infection will be disseminated in participants' organization. 【Outputs】 (1)To learn the basic knowledge concerning HIV/AIDS. (2)To understand the principles of serodiagnosis and quality control techniques. (3)To acquire the theoretical background knowledge of PCR technology and its practice. (4)To learn technique of HIV Infection monitoring. (5)To formulate an action plan to disseminate the acquired knowledge and technique in their organizations.	【Target Organizations】 National reference lab and its equivalent. 【Target Group】 1. Supervisor of diagnosis of HIV infection in National Reference Laboratory or equivalent. 2. To have experience of 4-10 years in the diagnosis of viral or bacterial infections in laboratory. 3. Those who have completed clinical studies, pharmacology and medicine at the University or equivalent. 4. English proficiency is required for training in the laboratory (for safety reasons also) 5. PC skills.

Contents

(1)Lectures: Biosafety management, Retrovirology, Epidemiology of HIV/AIDS, etc. Practice: Laboratory set-up.

(2)Lecture: Laboratory diagnosis of HIV infection. Practice: Serodianosis of HIV infection, Workshop.

(3)Lecture: Basics of PCR (1) (2) (before and after practice). Practice: DNA PCR, RT PCR, Workshop.

(4)Practice: Amplicor, QT-PCR, CD4 count (FACS & Dynabeads), Workshop.

(5)Country report presentation, Interim report (Action plan) presentation and discussion, Final report submission to show that the action plan is actually performed in the participant's organization.

Program Period	2012 / 6 / 6 ～ 2012 / 7 / 14
Implementing Partner	National Institute of Infectious Diseases
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2011～2013
Remarks and Website	

Prevention and Control Measures of Aids for Next Decade
次の10年に向けてのAIDSの予防及び対策

Group 1280820
Solution Continuing
13 participants

Target Countries :

Sector :Health/HIV/AIDS

Sub-Sector :

Language :English

Appeal

This program is designed to provide participants in charge of AIDS control with knowledge and techniques on preventive measures and public health, epidemiology, screening/diagnosis, treatment and global measures, aiming to improve their ability to develop and action plan to accelerate AIDS control in their countries. The program covers the comprehensive contents including lectures by leading lecturers, practices and fieldwork.

Objective/Output	Target Organization / Group
【Objectives】 To provide participants with knowledge and techniques regarding public health and prevention, epidemiology, screening/diagnosis and treatment of HIV/AIDS and strengthen participants' ability to develop an action plan for HIV/AIDS control. 【Outputs】 (1) Understand the control measures against HIV/AIDS, including prevention of sexual and blood transmission, safe blood transfusion, public health administration and educational activities. (2) Learn epidemiology, virology and pathology of HIV/AIDS and acquire diagnosis/screening techniques. (3) Understand treatment and social support, including psychiatric approach and mental care for people living with HIV/AIDS. (4) Understand global strategy to control HIV/AIDS and formulate an action plan for HIV/AIDS control. (5) In participants' home country, the action plan is considered and approved by the organization concerned.	【Target Organizations】 Governmental organization in charge of prevention and treatment of AIDS 【Target Group】 (1)Current Duties: be medical doctors or medical administrators with registered license of medical doctor (2)Individuals who have working experience of more than 5 years in AIDS treatment or surveillance or prevention,

Contents		
<Preliminary Phase>Formulation of report to present current situation in the participant's country. <Core Phase in Japan> (1) Blood-borne Viral Infections and Blood Safety; Blood Programme and Safety for Blood ; Mother-to Child Transmission, Public Health and Social Service ; Sharps Injury Prevention - Workbook of CDC; Collaborative Development of an HIV/AIDS Vaccine; Screening Tests for Blood Products. (2) Molecular Epidemiology of HIV - Tracking AIDS Pandemic; Epidemiology and AIDS and Human T-cell Lymphotropic Virus; Retrovirus Infection, including AIDS, and Neurological Disorders; HIV Serodiagnosis Testing, Research and Laboratory Diagnosis of AIDS; Clinical Diagnosis of AIDS (3) Treatment of AIDS, HIV/AIDS Treatment in Japan; Immunotherapy; Advance in Treatment Strategy against HIV Infection; Psychiatric Approach to AIDS Patients; HIV/AIDS Mental Health (4) Infectious Disease Surveillance; Latest Information on Global HIV/AIDS Prevention; Communicable Disease Control Programme in the Area of International Cooperation; The Present State and Issues of HIV/AIDS (Workshop); The Preventive Measure for HIV/AIDS (Workshop) <Finalization Phase>Implementation of the formulated plan, and report progress.	Program Period	2013 / 2/18 ～ 2013 / 3/17
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	

Stop TB Action Training Course -To Strengthen Capacity in Operational Research to Implement Effective Interventions-
ストップ結核アクション研修　－効果的な結核対策実施に向けたオペレーショナルリサーチ強化コース－

Group 1280964
Solution Continuing
16 participants

Target Countries : Countries with a high burden of TB

Sector : Health/Tuberculosis

Sub-Sector :

Language : English

Appeal

This training aims at accelerating progress in the national tuberculosis program through updating knowledge of tuberculosis, skill of its control and political commitment.

Objective/Output	Target Organization / Group
(Objective) Improvement of management capacity of national TB controllers in developing country (Outcome) -To understand TB control epidemiology and utilize it for analysis -To understand the basic and clinical aspects of TB. -To understand international trend of TB control and discuss problems in own countries -To analyze the problems of TB control and make action plans and operational research proposals.	1. age 28-40 years 2. medical doctors or professional nurses (other professionals must be working as the provincial or district TB coordinator consecutively for the last 5 years) 3. having direct responsibilities in planning, implementing, or making decision in the district, provincial, regional or national TB program or TB program for specific social vulnerable groups 4. never attended similar international training course on TB or operational research 5. sufficient command of listening, speaking and writing English

Contents		
General epidemiology /Basic knowledge of statistics for public health / Computer skill of calculation, Application of epidemiology for TB control/Bacteriology of TB and examination, Immunology of TB and recent diagnosis/Chemotherapy of TB, Quality assurance of X-ray examination Stop TB strategy/ TB control in the world and in Japan, TB and HIV co-infection problem / Multi-drug resistance TB, Efficacy of TB case finding/Monitoring and supervision of TB treatment/ Problem analysis of TB control and research proposal, PCM methodology/Basics and practice of operational research/TB control programs in each country/Effective TB control program/ Health system strengthening/international Finance Mechanism (GFATM etc.)/Aid effectiveness (SWAPs, Common Basket etc.)	Program Period	2012 / 5/ 9 ～ 2012 / 8 / 4
	Implementing Partner	The Research Institute of Tuberculosis (RIT) ,Japan Anti Tuberculosis Association(JATA)
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Stop TB Hands on Laboratory Practice Management for HIV and MDR TB
STOP TB HIV･耐性結核対策菌検査

Group 1280966
Trainers Continuing
8 participants

Target Countries : Countries with a high burden of TB
Sector : Health/Tuberculosis
Sub-Sector :
Language : English

Appeal

This training is designed for senior medical technologist, to acquire and utilize the laboratory technique for HIV and MDR-TB at their laboratory and other laboratories

Objective/Output	Target Organization / Group
Examination correspondence to TB-HIV or MDR TB will be implemented at the institution of participant -To be able to explain tuberculosis control and bacteriology of tuberculosis -To be able to explain laboratory management, laboratory network and method of training. -To be able to practice TB culture and DST. -To be able to deal with examination of TB-HIV and MDR-TB. -To be organize training for participants' institute or its lower laboratories	(Target Organization) Organizations responsible for the management of laboratory work or Reference laboratory of National TB control program. (Target Group) Senior technicians or a medical doctor who is responsible for the management of laboratory works in TB control program in the region/country.

Contents

-Role of TB laboratory in Tuberculosis Control,
-TB immunology,Global TB problem,
-TB epidemiology,
-Anti-tuberculosis drug,
-Chemotherapy of TB,
-Reagent preparation,
-Smear examination (ZN, Fluorescence),
-Microscope and its maintenance,
-Training method for TB microscopy,
-Micro teaching/PCM,
-Logistics,
-Reporting and recording,
-TB laboratory management,
-Biosafety,
-QA and QC,
-Smear assessment,
-TB culture,
-DST/Troubleshooting for culture and DST/Examination for TB-HIV/DST for 2nd line
-drug, Latest TB examination,
-Line probe assay,
-Country information/Action plan

Program Period	2012 / 9 / 19 ～ 2012 / 12 / 1
Implementing Partner	The Research Institute of Tuberculosis(RIT),Japan Anti Tuberculosis Association(JATA)
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Vaccine Quality Control Technology
ワクチン品質管理技術

Group Leaders 1280367 Continuing

6 participants

Target Countries : In principle, countries in WPRO area

Sector : Health/Immunization

Sub-Sector :

Language : English

Appeal

The participants are expected to acquire the quality control technology for an acceptance inspection of their domestically produced or imported vaccines correctly in their countries. This program is co-implemented with WHO-Regional Office for the Western Pacific (WPRO) and the WHO certificate of GLO/VQ (Global Learning Opportunity for Vaccine Quality) will be certified.

Objective/Output

[Course Objective]
The participants are expected to contribute to improve the quality control technology for domestically produced or imported vaccines and techniques for preserving, transporting and using vaccines in their countries.

[Expected Module Output] The participants will be able to;
1. point out the issues on vaccine quality control
2. explain about vaccine, role, property, production including GMP, vaccination including preservation and transportation, necessary validations for vaccine production, validation for sterilization, environmental monitoring etc.
3. explain about common tests for vaccines (general safety test, chemical test, antibody titration etc.) and about specific tests for DPT vaccine (safety test, potency test etc.).
4. develop the knowledge acquired in the training to their institutes and prepare their final report/action plan.

Target Organization / Group

<Target Organization>
Officials at national regulatory authority or national control laboratory or exceptionally qualified vaccine manufacturers.

<Nominee Qualifications>
1. Laboratory technical persons who is in charge of vaccination QC testing the above mentioned institutes.
2. 3-year-experience in this field
3. The person who will be continuously in charge of vaccine QC testing after returning to his/her country

Contents

[Activity in Preliminary Phase in home country]
Participant will prepare the country report.

[Activities in Core Phase in Japan]
1. Presentation of country report by participants.
2. Lecture on GMP, vaccine production (inactivated vaccines and live vaccines), policy for vaccination, and vaccine strategy of the achievement of United Nations Millennium Development Goals 4.
   Practical training to maintain the quality of vaccines:
   Environmental monitoring, Validation of sterilizer (autoclave and dry heat oven), Confirmation of effect of hand disinfection. Visits to NIID (National Institute of Infectious Diseases) and Japan SLC Inc. (Laboratory Animal Supplier)
3. Tests to confirm the quality of vaccine (safety and potency):
   Chemical tests, Animal tests (toxicities and potency), In-vitro tests (identity test to confirm the content and packaging materials, LAL test to measure endotoxin content and antibody titration).
   Tests to confirm the stability of vaccine in various preservation conditions.
4. Consultation for preparation, presentation and discussion of final report/action plan.

Program Period	2012 / 9 / 24 ～ 2012 / 12 / 19
Implementing Partner	The Research Foundation for Microbial Diseases of Osaka University (BIKEN)
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	This program is NOT for EPI officers or cold chain logistic officers. It is targeted for laboratory test technicians for QC of DPT vaccine. <Website of BIKEN> http://www.biken.or.jp/english/index.html

Laboratory Diagnosis Techniques for the Control of Vaccine Preventable Diseases, including Poliomyelitis and Measles
ポリオ及び麻疹を含むワクチン予防可能疾患の世界的制御のための実験室診断技術

Group 1280739
Trainers Continuing
15 participants

Target Countries :

Sector :Health/Immunization

Sub-Sector :Health/Other infectious diseases

Language :English

Appeal

To standardize laboratory diagnosis activities and the quality control and to strengthen laboratory networks by sharing updated knowledge and basic techniques for virus diagnosis related to vaccine preventable diseases according to the WHO guideline, including polio and measles, through a practice-based.

Objective/Output

To improve the quality of laboratory diagnosis activities and to strengthen global and local laboratory networks through face to face communication by sharing updated knowledge and basic techniques for virus diagnosis related to vaccine preventable diseases,including polio and measles, through a practice-based training course.

(1) To enable participants to maintain cell lines for virus isolation.
(2) To enable participants to isolate and identify viruses.
(3) To enable participants to understand biosafety regulations and to improve data management at laboratory.
(4) To enable participants to perform molecular diagnosis for virus infection, to improve serological diagnosis technique.
(5) To enable participants to understand the information on current status of global polio eradication program and GIVS,and to share technical points for troubleshooting with other laboratory staffs and EPI experts in the country.

Target Organization / Group

(1)Current Duties: Doctors and laboratory technicians engaged in national laboratory under the WHO.

(2)Experience in the relevant field: have a minimum of 1 years of experience in biological diagnosis.

Contents

【Preliminary Phase】Formulate country report

【Core Phase in Japan】
(1)According to WHO standard manual for laboratory diagnosis, practices and lectures for the maintenance and quality control of cell lines will be scheduled.
(2)According to WHO standard manual for laboratory diagnosis, practices and lectures for virus isolation and identification, using polio viruses will be scheduled.
(3)Lectures and practices for biosafety regulations and the maintenance of laboratory facilities will be scheduled, lectures and group discussion will be scheduled for data and laboratory management.
(4)Lectures or practices for molecular diagnosis of polio, measles, hepatitis, Japanese encephalitis, and papilloma, and serological diagnosis methods for measles will be scheduled.
(5)Group discussions on presentations from each participant to share local situations and their own experiences with other participants and experts.

【Finalization Phase】Formulate progress report

Program Period	2013 / 1/ 9 ～ 2013 / 2/9
Implementing Partner	National Institute of infectious diseases
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Zoonosis Control
人獣共通感染症対策

Group Leaders 1280033 Continuing

11 participants

Target Countries :

Sector :Health/Other infectious diseases

Sub-Sector :

Language :English

Appeal

As WHO reports that infectious diseases represent more than 20 percent of cause of death, infectious diseases became major concern of public health. In order to control zoonosis, it is essential that prevention strategies against zoonosis are implemented under the leadership of administration with international coordination. This program is for administrators and/or researchers who are engaged in zoonosis control to acquire necessary knowledge & techniques for planning zoonosis control, and to propose feasible solutions for their issues.

Objective/Output	Target Organization / Group
<Program Objective> Each participant shares and implements his/her Action Plan for improvement of zoonosis control in respective organizations, and reports its progress to JICA. <Expected Modules Output> (1)To deepen understanding on the preparedness and measurements for zoonosis control based on the scientific evidences. (2)To acquire basic techniques for diagnosis of zoonosis. (3)To propose Action Plan for improvement zoonosis control in participant's belonging organization by making the best use of knowledge and know-hows acquired from the program in Japan	Virologist, microbiologist and/or disease expert who have more than 3 years' experience in the field of zoonosis control as a researcher, at a national research institute or a correspondent, engaged in the section for diagnosis of zoonosis.

Contents		
<Preliminary phase in participants' home countries> Preparation of Inception Report on the present situation and problems to be solved <Core Phase in Japan> [Lecture] General Guidance on Zoonosis, Bio-Safety, Epidemiology, Surveylance, Immunology,Vaccine, Influenza Virus, and others, Molecular, Diagnosis methods on lymph, Bio-safety level 3 [Exercise] Molecular Diagnosis, Serum diagnosis, Bioinfomatics, Country Report/Action Plan presentation and discussions [Discussion and Presentation] Country report presentation, JICA Office Hour, Action Plan Presentation <Finalization Phase in a participant's home country> Participating organizations produce final outputs by making use of results brought back by participants and submit the report to JICA.	Program Period	2012 / 8 / 12 ～ 2012 / 9 / 13
	Implementing Partner	Hokkaido University, Research Center for Zoonosis Control
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2010～2012
	Remarks and Website	

Seminar on Viral Hepatitis - Epidemiology, Prevention and Treatment
ウイルス肝炎対策セミナー:疫学、予防及び治療

Group 1280819
Solution Continuing

Target Countries : Countries that have plans to take measures for hepatitis
7 participants

Sector :Health/Other infectious diseases

Sub-Sector :

Language :English

Appeal

This program is designed for the participants from governmental organization or hospital in charge of prevention and treatment of infectious hepatitis to provide knowledge and techniques regarding preventive measures and public health, epidemiology and diagnosis, treatment, latest information of global infectious hepatitis prevention, and strengthen his/her ability to formulate an action plan of infectious hepatitis control.

Objective/Output

<Course Objective>
Participants will understand global measures against viral hepatitis by acquiring knowledge and techniques regarding public health and prevention, epidemiology, virology, diagnosis and treatment. Participants strengthen their ability to develop an action plan for viral hepatitis control.

<Objective for each unit>
Learn epidemiology, virology and pathology of viral hepatitis.
Understand diagnosis and treatment of viral hepatitis.
Understand global strategy to control viral hepatitis and public health and formulate an action plan for control of viral hepatitis.

Target Organization / Group

<Target Organization>
Governmental organization or hospital in charge of prevention and treatment of infectious hepatitis

<Expected Job Title>
Medical officers or doctors, epidemiologists who are in charge of prevention and measurement on Hepatitis (Medical license is required).

<Expected Job Experience>
More than 5 years' work experience in the positions mentioned above.

Contents

<Preliminary Phase>Formulation of report to present current situation in the participant's country

<Core Phase in Japan>
Viral Hepatitis; General Aspect of Liver Diseases; Clinical Features of Portal Hypertension; Pathology of Hepatocellular Carcinoma; Virology, Epidemiology of Hepatitis; Hepatitis C Virus Infection - Molecular Basis of Pathogenesis; Basic Pathology of the Liver
Diagnosis Kits for Hepatitis B Infection; Chronic Liver Disease & Hepatocellular Carcinogenesis; Liver Transplantation; Chronic Hepatitis B; HBV Genotypes and Clinical Significances; GI Endoscopy; Treatment of Risky Varices; Ultrasound Related Techniques; Case Presentation
Viral Hepatitis Vaccine; Global Control of Hepatitis B; Infectious Disease Control - Japan & Global; Perinatal HBV Transmission & Prevention; Blood Supply in Japan; Needlestick Accident & Hepatitis Virus Contamination; Surveillance; Biosafety; Hepatitis B Prevention (Workshop)

<Finalization Phase>Implementation of the formulated plan, and report progress.

Program Period	2012 / 8 / 20 ～ 2012 / 9 / 16
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	

Countermeasure for Communicable Diseases
感染症対策行政

Group 1280910
Trainers Continuing
12 participants

Target Countries :

Sector :Health/Other infectious diseases

Sub-Sector :

Language :English

Appeal

This program is designed for health administrators who are in charge of communicable diseases control(CDC) to improve administration of CDC

Objective/Output	Target Organization / Group
From the perspective of prevention and health education in communicable diseases, participants are expected to recognize current problems in their own organizations and propose a plan to solve these problems. 1 Through the preparation of a Country Report, administrative measures for CDC in respective countries are understood. 2. To share information about present situation and tasks of CDC in participating countries. 3. To understand organizational problems on CDC by sharing administrative system in Japan and its historical background. 4. To point out the issues-Tuberculosis Program of HIV/AIDS, Tuberculosis and -HIV/AIDS in the world and Japan -Malaria and other insect vector borne diseases. 5. To understand current situation, measure and policy for CDC and health administration in Japan and consider future action for CDC in respective country, (Formulation of improvement plan). 6. To share the improvement plan among relevant organizations in respective country and report the progress within 6 months to JICA and JICWELS.	【Target Organizations】 Administrative and other organs in charge of CDC. 【Target groups】 (1) to be a middle-class health administrator in charge of CDC with medical degree such as doctor's license (central government officials are preferable), (2) to have more than 3 years' experience of public health field is required, (3) to continue their careers in the field of CDC, (4) to have a sufficient command of both written and spoken English, (5) in sufficiently good health to attend all of the program, (6) not to have attended this study program in the past

Contents		
Discussion・Exercise:Report before training course, Outbreak Countermeasure Seminar, Country report presentation(exercise presentation)Lecture:Administration on Infectious Diseases Control, International Cooperation in the field of CDC,Health Administration System-Public Health History, Administrative Organization Structure and Medical Care Delivery System in Japan- /Site visit: Activities of Health Center Lecture: HIV Infection and Treatment in Japan, Preventive Control of Parasitic Diseases including Malaria Site Visit:Tuberculosis Control(Visit to Research Institute of Tuberculosis)Lecture:Administration System on Health-Health Economics-,Environmental Health -Water Supply and Food Safety-, Preventive Control of Parasitic Diseases-General Issue-,Recent trends in STD in Japan, /Site Visit:Infectious Control at the Hospital,Role of Quarantine etc. Exercise Presentation	Program Period	2013 / 2/ 3 ～ 2013 / 2 / 23
	Implementing Partner	Japan International Corporation of Welfare Services
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Clinical Laboratory Technology (Clinical Microbiology)
臨床検査技術 (臨床微生物)

Group 1280961
Trainers Continuing
11 participants

Target Countries :

Sector :Health/Other infectious diseases

Sub-Sector :

Language :English

Appeal

This program is designed for core hospitals or laboratories at a country or region to be shared clinical laboratory technology among medical technologists.

Objective/Output	Target Organization / Group
High reliability clinical laboratory technology for a diagnosis of infection disease caused by a pathogenic microorganism is had among medical technologists of laboratory departments of core hospitals or laboratories at a country or region. 1. To understand safety management and quality control management in microbiology laboratory, and be able to hand clinical specimens and isolates. 2. To understand a standard operating procedure of smear examination, cultivation test,identification test of isolates, antimicrobial susceptibility tests, and be able to identify causative agents and determine antibiotics. 3. To understand and explain a rapid test using simplified identification kit in pathogenic microorganism. 4. To make a standard operating procedure for clinical examination to carry out at their organization. 5. To understand a guidance method for extending the knowledge and technique mentioned above after returning each country and make an action plan.	(Target Organization) National/Regional reference Hospital/Laboratory (Target Group) 1) be a medical technologist with a valid qualification and presently engaged in practices of clinical microbiology with more than 5 years' experience in their profession, 2) hold a responsible position to diffuse the knowledge and technique acquired in the training or have superior ability in doing so, 3) under 45 years of age 4) have sufficient command of spoken and written English.

Contents		
1. Biosafety and standard precautions in laboratory/Specimen management, Technical management,Material and Equipment management/Safety techniques for handling of microorganisms 2. Smear examination/Processing of specimens /Presumptive identification on isolation media/Identification of medically important bacteria/Anti-microbial susceptibility tests and interpretation 3. Basic principles of an identification kit/Optimal use and reading 4. Quality control system of clinical examination/Documentation system for examination quality/Making a standard operating procedure for clinical examination 5. Guidance method/Training materials adjustment/ Professional association's training activity /Making an action plan	Program Period	2013 / 1/ 8 ～ 2013 / 3/15
	Implementing Partner	Japan International Medical Technology Foundation
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Occupational Health and Preventive Medicine for Workers
勤労者のための産業保健と予防医療

Group Trainers | 1280005 Continuing | 8 participants

Target Countries :

Sector :Health/Other Health Issues

Sub-Sector :Social Security/Labour and Employment

Language :English

Appeal

Train multidisciplinary managerial experts to maintain/promote health of workers facing the double burden of diseases and globalizing corporate activities.

Objective/Output	Target Organization / Group
Formulate plans of human resource development for occupational health and preventive medicine in Government agencies, universities and research institutes collaborated with the maintenance and promotion of health among workers, and private companies. [Output] ①Be able to explain the principles of occupational health (OH) in relation to the multidisciplinary fields, e.g. medicine, public health and environmental sciences, as well as the social needs and effect of OH. ②Be able to explain and implement core technologies for the management of prevention, diagnosis and compensation of occupational diseases as well as for the insurance of workers' health. ③Be able to design a safe and healthy working environment and an occupational health management system. ④Be able to collaborate with public administrative bodies, corporate (management and labor), academic organizations, communities and NGOs.	Government agencies, universities and research institutes entasked with the maintenance and promotion of health among workers, and private companies occupational health physicians, occupational health nurses, academicians/researchers in related fields, and government officials at national or regional levels who have knowledge and experience of occupational health and preventive medicine

Contents		
<Preliminary Phase> Formulation of report to present current situation in the participant's country. <Core Phase in Japan> -Lectures and exercises on "principles of occupational health," "industrial ecology and global environment," "public health, epidemiology and biostatistics," and "occupational health and IT." -Lectures on "prevention, diagnosis & treatment of occupational diseases," "general diseases among workers," "workers' compensation," "labor inspections," "preventive sciences including health exams (with visits)," "improving work environment via participation (with exercises)" Lectures and exercises on "safety and industrial accidents," "industrial health engineering," "occupational safety and health management system," "management of organization, personnel and work conditions." -Lectures on "role of public administrative bodies," "international cooperation and international organizations," "corporate social responsibilities," "stake holders including employers and workers," "community health." Individually organize themes and formulate job reports. -Then under guidance of Course Leader (CL), formulate Action Plan (AP), present and discuss in a group session with CL. <Finalization Phase>Implementation of the formulated plan, and report progress.	Program Period	2012 / 8 / 11 ～ 2012 / 12 / 3
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

School Health
学校保健

Group 1280038
Solution Continuing
10 participants

Target Countries :

Sector :Health/Other Health Issues

Sub-Sector :Education/Primary Education

Language :English

Appeal

・Participants can experiment Japanese school health activities, including a Yogo teacher's health education and sick/injured children's care in a school health room, physical education classes and school lunch program.
・Participants can practice the health check-up in a Japanese elementary school through a role play.
・Participants can depict the comprehensive picture of the Japanese school health system by visiting the related organizations, such as the Board of Education and the department of Yogo education in a university.
・Participants can receive a hint of how the education and health sectors can cooperate to promote school health activities in own countries.
・The progress report presentation meeting will be held through the TV conference system to share the experience of each participant implementing the Action Plan and receive practical advice from the course leader.

Objective/Output	Target Organization / Group
<Program Objective> Participants shall have opportunities to find inspiration for contributing to school health promotion in their respective countries through understanding policies, systems, and activities of school health in Japan. Participants execute school health activities by disseminating them to related people in their own countries. <Expected module output> 1. Present status of school health in own country and the world is recognized. 2. Policies, systems and activities of school health in Japan is understood. 3. Perspective view of school health in own country is developed.	<Target Organization> Office/division/department in charge of planning, implementing and managing school health and/or health education in the central or local government. <Expected Job Title> Manager/officer in charge of administration, planning and implementation of health education and/or school education in the central or local government <Expected Job Experience> At least 5 years' experience in the field of school health <Other Qualifications> ・Competent in English ・Must be in good health

Contents

【Module 1】
・Case study on school health in participants' countries
・Introduction of school health activities in the developing world
・Presentation meeting of inception reports

【Module 2】
・Introduction of the School System and School Health System in Japan
・Roles and Functions of the "Yogo teacher" and the School Health Room in Japan
・School health activities

【Module 3】
・Problem analysis for the Action Plans
・Guidance for the Action Plans
・Formulation of the Action Plans
・Presentation of the Action Plans

Program Period	2012 / 5/20 ～ 2012 / 7/6
Implementing Partner	Aichi Children's Health and Medical Center
JICA Center	JICA Chubu
Cooperation Period	2011～2013
Remarks and Website	http://www.achmc.pref.aichi.jp/achmc.html

Reinforcement of Administrative Capacity for Food Sanitation
食品衛生のための行政能力強化

Group 1280039
Solution Updated

Target Countries :

12 participants

Sector :Health/Other Health Issues

Sub-Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Language :English

Appeal

This program intends that the improvement plan on food sanitation administration is approved in governmental organizations in charge of food sanitation management.

Objective/Output	Target Organization / Group
【Objective】 This program intends that the improvement plan on food sanitation administration is approved in governmental organizations in charge of food sanitation management. 【Objective for each unit】 Problems as to food sanitation based on basic knowledge are arranged. Problems as to measures of food sanitation from product to consumption are arranged. Problems as to teaching surveillance/inspection concerning food sanitation are arranged. Draft Improvement Plan for solving problems on food sanitation administration is formulated. Improvement Plan for solving problems on food sanitation administration is examined in participant's organization.	・Governmental organizations in charge of food sanitation management ・Administrator of governmental organizations engaged in Food Sanitation ・3 years of experience in relevant field ・Sufficient competency of spoken and written English

Contents		
Lecture: Risk Communication Related to Food Safety, Inspection and Supervision of Confectionery manufacturing Business, Interpretation of Food Sanitation Law, etc. Observation: National Institute of Health Science, Yokohama Quarantine Station, etc. Lecture: Assuring Safety of Food in Kitakyushu City Central Wholesale Market, etc. Observation: Farm, Meat Processor Center, Beer Manufactory, etc. Lecture: HACCP,Vegetative Natural Poison, Health Hazard Due to Chemical Substances, Method of Investigation on Food Poisoning, etc. Practice: HACCP, Inspection and Supervision Hypermarket, Practical Training of Paralytic Shellfish Poison, Voluntary Sanitation Control, etc. IAS Hearing,Formulation of Improvement Plan,Improvement Plan presentation and discussion Report the result of training in Japan to participant's organization Revision of the Improvement Plan based on the draft Improvement Plan in participant's organization	Program Period	2013 / 1/14 ～ 2013 / 3/2
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Advanced Course Detection of Early Gastrointestinal Cancer and Related Digestive Tumors for Latin American and Asian Countries
中南米･アジア地域 上級早期胃癌診断―早期消化器癌の診断と治療―

Group Trainers | 1280240 Continuing

Target Countries :

6 participants

Sector :Health/Other Health Issues

Sub-Sector :

Language :English

Appeal

The aim of this training course is to transfer the detection and less invasive treatments of gastrointestinal early cancers in Japan to applicant countries. Lectures are given in Tokyo. Attending doctors will join several case conferences and to try their new knowledge apply on typical early cancer cases under supervision of leading experts. Finally, each participant is assigned to several cancer center hospitals in Tokyo to observe clinical practices. Official language in this course is English.

Objective/Output	Target Organization / Group
【Objectives】 The participants learn radiological and endoscopic diagnoses of gastrointestinal carcinomas in early phase, and its treatments. 【Outputs】 (1) describe the method of diagnosis and treatment by radiology for esophagus, stomach and large intestine, (2) describe various methods such as endoscopical investigation, diagnosis by chromoendoscopy, and endoscopic mucosal resection for esophagus, stomach and large intestine, (3) describe various methods of surgical treatment for digestive cancer, (4) diagnose properly the digestive cancer and related lesions with biopsy or surgical specimens and (5) develop a plan to transfer their acquired knowledge and skills through the course to their colleagues and students and report the results	【Target Organizations】Main reference Hospitals of national or regional level 【Target Group】 1)Licensed physicians authorized by their gov. and specialized in gastroenterology at a medical univ.or the medical faculty of an univ. and have more than 10 years of practical experience in diagnosis of earkygastrointestinal cancer and related digestive tumors. 2)responsible duties as a chief instructor, a professor or a specialist in the aforementioned fields after returning to their countries, 3)Under forty-five (45) years of age,

Contents

1. Radiology and Diagnostic imaging
2. Endoscopic diagnosis, Biopsy, EMR (Endoscopic mucosal resection) and ESD (Endoscopic submucosal dissection) .
3. Surgical Treatment of gastrointestinal cancer
4. Pathology of gastrointestinal cancer

1. 2. 3. 4. are conducted by intensive lectures and practical training in hospital

5. The participants are required to transfer their acquired knowledge and skills through the course to their colleagues and students and report the results 3 months after the completion of the course in Japan.

Program Period	2013 / 1/30 ～ 2013 / 3/12
Implementing Partner	Foundation for Detection of Early Gastric Carcinoma
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2011～2013
Remarks and Website	

Nursing Management
看護管理

Group 1280255
Solution Continuing
11 participants

Target Countries :

Sector :Health/Other Health Issues

Sub-Sector :

Language :English

Appeal

Nursing managers in developing countries seem to have less awareness of their role,responsibility, team medical services and patient-centered nursing care. In this regard, the course provides the subjects to strengthen these points. Also, Japan's experience since 1945 when there was lack of equipment, fund and manpower will be effectively utilized. At the end of course, participants prepare action plan for their working place and implement activities.

Objective/Output	Target Organization / Group
<Course Objective> Quality of nursing management and nursing services will be improved in participants' organization through creating solution of the problems. <Objective for each unit> Issues in a participant's organization related to nursing management/administration are preliminary identified.(Preliminary phase in home country) Participants will be able to explain characteristics, theory and practice of nursing management in Japan. Knowledge, technology and attitude required of nursing manager will be identified by understanding the roles of nursing manager. Problems related to nursing management in participant's organization will be identified. An Action Plan for solving problems in participant's organization will be formulated. After returning to their countries, participants are expected to discuss, modify and implement the Action Plan.Then progress and results will be reported within 10 months.	<Target Organization>Hospital (Secondary and Tertiary care level hospital is desirable) <Expected Job Title>Nursing Director , Deputy Nursing Director, Head Nurse <Expected Job Experience>Nurses who have a minimum of three to five years' experience as nurse manager or more than seven years' experience in nursing and in a position that requires the skill of leadership and management <Other Qualifications>Key personnel who are expected to address specific issues or problems identified in their organizations.

Contents		
Writing of Inception report Health care system,Nursing Administration and Nursing Experiences in Japan ・Community health care services・Nursing practice and record・EBN ・TQM-5S ・Disaster Nursing・Nursing management・Management Index for Ns ・Medical Function Evaluation ・In-service education ・Training in hospitals ・Workshop・Communication skills ・Nursing and counseling ・Patient safety/Infection control・Obj. Manage・Operational Improvement ・Coaching・Quality as manager・Leadership in team building・Nursing ethics ・Nursing research・Learning organization・Lecture by participants ・Training in hospitals・Management and Leadership of Nursing Manager ・Case study of Nursing management Formulation of action plan ・Problem solving process ・Understanding and utilization of Health Statistics ・Action plan draft study session/Group study session/individual guidance Implementation of their action plan and report	Program Period	2012 / 8/29 ～ 2012 /11/17
	Implementing Partner	The International Nursing Foundation of Japan
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2011～2013
	Remarks and Website	We will check the progress of the Action Plan after 10 months

Cardiovascular Diseases
循環器病対策

Group 1280738
Trainers Continuing
6 participants

Target Countries :

Sector :Health/Other Health Issues

Sub-Sector :

Language :English

Appeal

With the increase of the aging population not only in developed, but also in developing countries, cardiovascular diseases are increasing. To deal with this problem, it is essential to foster capable doctors in this field.
In this program, individual training is provided to cater for prospective doctors dealing with acquired as well as congenital cases of cardiovascular diseases.

Objective/Output

[Course Objective]
The advanced knowledge and skills on cardiovascular diseases gained in Japan will be disseminated among medical staff of the participating hospitals/organizations

[Expected Module Outputs]The participant will be;
1. Able to explain a wide range of knowledge on cardiovascular diseases, in addition to learning clinical skills in one`s own specialized field.
2. Able to explain the knowledge and skills on surgical treatment and postoperative care of cardiovascular diseases.
3. Able to explain the knowledge and skills of examination, diagnosis and treatment of hypertension and kidney diseases.
4. Able to explain the knowledge and skills of examination, diagnosis and treatment of cerebrovascular diseases.
5. Able to explain the knowledge and skills of examination, diagnosis and treatment of metabolic diseases.

Target Organization / Group

<Target Organization>
Medical Institution which provides medical services on cardiovascular diseases and act as leading role to improve service quality in the country or the area.

<Nominee Qualifications>
1) a licensed physician or surgeon authorized by their government.
2) more than five(5)-year-experience in diagnosis/treatment of cardiovascular diseases.
3) competent command of English (TOEFL CBT 250 or more.)
4) personnel who will continuously work at the institution.

Contents

[Preliminary Phase in Participant's home country]
Report describing present situation, problems and expectation, is formulated.

[Core Phase in Japan]
1)Basic training on medical history, medical findings, electrocardiodiagram, radiographic diagnosis, etc.
2)Diagnosis and treatment of acquired and congenital cardiovascular diseases, surgical treatment, auxiliary methods and postoperative care.
3)The knowledge and skills of examination , diagnosis and treatment of hypertension and kidney diseases.
4)The treatment of stroke in chronic state and prevention of its recurrence, examination methods such as radiographic diagnosis.
5)Type diagnosis of hyperlipemia and its treatment, type diagnosis of diabetes and its treatment selection.

[Finalization Phase in Participant's home country]
1)The knowledge/skills gained in Japan is disseminated among medical staff.
2)Final Report which include the result of dissemination activity is to be submitted to JICA.

Program Period	2012 / 9 / 10 ～ 2012 / 10 / 24
Implementing Partner	National Cardiovascular Center (NCVC)
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	<Important Notice> Participants are prohibited to touch patients by Japanese law. Training will be delivered by observations and lectures only. <Reference Website> www.ncvc.go.jp/english.html

Latest Cancer Diagnosis and Treatment
最新のがんの診断と治療

Group 1280957
Trainers Continuing
7 participants

Target Countries :

Sector :Health/Other Health Issues

Sub-Sector :

Language :English

Appeal

Aims to contribute improvement of countermeasure against cancer at each participant's country by bringing back cutting-edge skills gained in Japan.

Objective/Output	Target Organization / Group
【Objective】 Aims to help the participants to contribute directly to diagnosis and treatment of cancer in their own countries and to transfer gained techniques that has been established in Japan to other medical personnel in order to educate them. 【Outputs】 (1)To acquire the latest skills by observing clinical activities in the individual fields. (2)To learn modern techniques and knowledge of cancer by attending the lectures on overall cancer. (3)To gain skills and knowledge on general cancer by visiting other medical institutions in local areas and observe things that are not conducted in NCC. (4)To absorb additional information on cancer treatment and additional cancer research through collecting information not only of gained in NCC.	【Target Organizations】 Medical Institutions that handle cancer patients. 【Target Group】 1. Who has a medical license of the country 2. Who has more than seven years' clinical experience of cancer 3. Who specializes in cancer diagnosis and treatment

Contents		
【Preparatory phase(Before coming to Japan)】 Inception Report describing the current problems regarding latest cancer diagnosis and treatment in each country will be developed. 【Program in Japan】 (1)Individual training: Observation of clinical activities in each field under the supervision of each tutor. (2)Group Lectures: Extensive lectures on cancer by NCC. (3)Field Visit: Visit to other medical institutions in local areas and observe things that cannot be experienced in NCC (Radiation Effects Research Foundation in Hiroshima in 2010, Kyoto Second Red Cross Hospital in 2008, etc. (4)Participation in a conference on oncology: Such as the annual meeting of the Japanese Cancer Association. 【Post-program activities (After participants' return)】 Monitoring the progress by sending a questionnaire in 6 months.	Program Period	2012/10/16 ～ 2012/11/24
	Implementing Partner	National Cancer Center
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Medical Staff Training [Group A:Radiological Technologists,Group B:Physical or Occupational Therapists]
医療技術スタッフ練成 [Aグループ：診療放射線技術、Bグループ：リハビリテーション技術]

Group 1280998
Trainers Continuing
8 participants

Target Countries :

Sector :Health/Other Health Issues

Sub-Sector :Health/Other Health Issues

Language :English

Appeal

Medical service will be improved through techniques and management skills shared among radiological technologists and physical/occupational therapists.
It is conducted as Group A for Radiological Technologists and Group B for Physical Therapists. Group B course (Physical Therapists) is targeted only for participants from Myanmar.

Objective/Output

A draft plan (Draft Action Plan) to diffuse or improve techniques for participants' organizations on bellow systems will be formulated.

○Radiological Technologist
・Image examination(① Optimally Imaging, ②Optimal operation of Imaging Equipment,③Radiological control,④Consideration for the environment),
・An accurate operation/procedure on image examination
・Accurate image constructions.
・Radiation controls and image examinations with least environmental pollution.

○Rehabilitation
・Medical Rehabilitation involving in Community Based Rehabilitation.
・Over view of CBR and the role of physical/occupational therapists.
・Basic knowledge of the medical rehabilitation systems and medical team works.
・Appropriate techniques to manufacture facilities and equipment for livelihood welfare, and instruct it.

Target Organization / Group

【Target Organizations】
Organizations which provide medical services with radiography and/or rehabilitation

【Target Group】
(1) be able to extend domestically the technique and knowledge acquired from this course
(2) be presently engaged in the field and with more than five years of work experience
(3) be engaged in practical service of Radiological Imaging, Physical Therapy or Occupational Therapy

Contents

○Radiological Technologist
・General overview about operation of radiological technologists/procedure of the image examination/medical team works/Informatics of digital images
・Image construction
・Image device equipment
・Radiation control / environmental impact assessment on image examination

○Rehabilitation
・General overview about Community Based Rehabilitation(CBR)
・Medical rehabilitation system and team works
・International Classification of Functioning, Disability and Health(ICF)
・Occupational therapy/Physical therapy,
・Clinical image for a spinal injury and movement of daily life
・Manufacture techniques for facilities and equipment for livelihood welfare

○General Program
Formulation of action plan、acquire the facilitation skills

Program Period	2013 / 1/ 9 ～ 2013 / 3 /10
Implementing Partner	Japan International Medical Technology Foundation
JICA Center	JICA Kansai (Ⅱ)
Cooperation Period	2010～2012
Remarks and Website	Group B (for Myanmar) will be conducted from 23 January 2013 to 18 February 2013.

Health Promotion and Nutrition Improvement for Women Leaders in Africa
アフリカ地域 女性指導者のための健康と栄養改善

Region-Focused Trainers | 1284321 Continuing | 8 participants

Target Countries : African Region

Sector : Health/Other Health Issues

Sub-Sector : Gender and Development/Gender and Development

Language : English

Appeal

This program aims the improvement of health at the targeted communities with the health promotion program related to food and nutrition.

Objective/Output

[Course Objective]
The organization to which participants belong will formulate (approve) plans of health promotion activities related to food and nutrition suitable to the communities that they are in charge.

[Expected Module Outputs]
(1)Participants can explain health promotion activities on food and nutrition, and discuss relationship between nutrition and the health status of community members from broad perspectives.
(2)Participants can analyze food and nutrition problems in communities, and utilize the knowledge and skills to solve the problems.
(3)Participants can draw up plans for health promotion activities aimed at improving diet and nutrition suitable to the conditions of the communities that they are in charge.

Target Organization / Group

[Target Organization]
Central/ Regional government engaged in health administration as well as health services

[Target Group]
(1)Middle-ranking officials who are engaged in planning and/or implementing action policies for community-based nutritional and health guidance
(2)3 years of experience in the relevant fields
(3)Women under 45 years of age

Contents

[Preliminary Phase in a participant's home country]
Participants formulate and submit an Inception Report which includes the topics of nutritional and health field in the participants' region.

[Core Phase in Japan]
Lectures, practicals, field visits and discussions which cover contents below are provided:
(1)Women, Nutrition and Health Systems / Community Nutrition / Health Promotion / RH and Women's Empowerment / HIV and Nutrition / Mother to Child Transmission of HIV and Nutrition / JICA's Health Sector Cooperation in Africa / Nutrition and Sexual Education for Adolescence
(2)Nutrition Policy in Japan / Japan's Experience in Community Health Improvement / Community Empowerment and Participatory Nutrition Education / Nutrient Deficiency and Menu / Evaluation of Nutritional Value / Nutrition for Lifestyle Diseases / Food Preservation and Processing / Public Health Nutrition / Nutrition Guidance
(3)Practice of Health Promotion / Health Japan 21 / Role of Health Center and Health Services / Community Health Care and Role of Nutritionist / School Meals in Community / Project Formulation / Discussion on Draft Final Report

[Finalization Phase in a participant's home country]
Participants submit the Final Report within six months after the training in Japan.

Program Period	2012/11/ 6 ～ 2013/ 1/19
Implementing Partner	Obihiro City Health and Welfare Center, Obihiro Ohtani Junior College
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2011～2013
Remarks and Website	

Disaster Medicine
災害医療

Region-Focused Solution | 1284448 New

12 participants

Target Countries : Myanmar

Sector : Health/Other Health Issues

Sub-Sector : Water Resources/Disaster Management/Other Water Resources/Disaster Management Issues

Language : English

Appeal

This course aims to improve the management system of disaster medicine and to promote an efficient international cooperation on large-scale disaster. This training course originates from the one named Emergency and Disaster Medicine that was conducted for over twenty years. These courses have been strongly supported by the committee members consists of the leading authority on disaster medicine in Japan.

Objective/Output

【Objective】
This course is designed to strengthen the participants' capacity to formulate action plan in order to solve the problems/challenges that the participants' organizations are facing, and to improve the management system of disaster medicine. Furthermore, this course is aimed at contributing to promote international cooperation on large-scale disaster.

【Objective for each unit】
Participants will gain a general view of the Japanese emergency medical system and understand the cooperative system among related organizations
Participants will gain a general view of Japanese disaster medical system through past experiences in Japan
Action plan will be formulated to solve the problems/challenges which participants' organization are facing.

Target Organization / Group

Ministry of Health, Union of Myanmar

Contents

Primary Emergency Medicine, Secondary Emergency Medicine, Tertiary Emergency Medicine, Poisonous & Hazardous Substance Information Management, Emergency Medical Training, Emergency-Response Personnel Training, Post-test
National Disaster-Medicine Systems, Local Disaster-Medicine Systems, The Experience of the Great Hanshin-Awaji Earthquake & Great East Japan Earthquake, Japanese Red Cross Society Roles & Mobilization System, Hospital Disaster-Readiness Practice, Post-test
Formulation and presentation of action plans
Discussion of draft action plans

Program Period	2012 / 8 / 27 ～ 2012 / 9 / 29
Implementing Partner	Under Planning
JICA Center	JICA Kansai (II)
Cooperation Period	2012～2014
Remarks and Website	

3.Water Resources/ Disaster Management

Effective Use of Industrial Water and Reuse of Waste Water
工業用水使用合理化及び廃水再生技術

Group 1280074
Solution New

Target Countries :

10 participants

Sector :Water Resources/Disaster Management/Comprehensive Water Resources Management

Sub-Sector :Economic Policy/Other Economic Policy Issues

Language :English

Appeal

This program is designed for administrative officers, who belong to the planning department of industrial water, to learn technologies and administrative system for the effective use of water and reuse of waste water.

Objective/Output	Target Organization / Group
【Objective】 To contemplate possible solutions for problems regarding effective use of industrial water and reuse of waster water and to formulate policy plan to solve problems. 【Objectives for each unit】 1. To understand and explain the necessity for industrial water and reuse of wastewater. To examine and make comparison between Japanese situation and own country. 2. To understand technologies of effective use of water and reuse of waste water in factories. 3. To understand the importance of policies which are necessary for promotion of effective use of water and reuse of wastewater. 4. To formulate a feasible action plan(AP) for participant' country and to present it.	【Target Organizations】 Policy planning ministries in charge of industrial water. 【Target Group】 (1st & 2nd year) Administrative officials who are in charge of duties at practical level. (3rd year) Senior officials who are responsible for decision making in the targeted organization. -Have at least five (5) years of experience in the aforementioned organization. -Individuals who have already mastered basic water treatment technologies at university.

Contents		
Objective 1 (1) Present current situations of water and waste water in participants' countries (2) Lectures on needs for effective use of industrial water and reuse of waste water (3) Compare situations among participant's countries and Japan and examine differences. (4) Site visits to factories and discussions Objective 2 (1) Basic theories and technologies on effective use of water and reusing waste water (2) Water treatment technologies which are easy to apply in developing countries Objective 3 (1) Outline of the industrial water policy in Japan and the role of METI. (2) Lectures on laws concerning industrial water (3) Lectures on regulations and incentive mechanisms for effective water use Objective 4 (1) Making and presentation of AP (2) Discussion on APs	Program Period	2012/10/14 ～ 2012/11/2
	Implementing Partner	Ministry of Economy, Trade and Industry (METI) Water Reuse Promotion Center
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2012～2014
	Remarks and Website	

Integrated Water Resources Management
総合水資源管理

Group 1280839
Solution Updated

15 participants

Target Countries : All Countries(except Middle-East Countries and Afghanistan)

Sector :Water Resources/Disaster Management/Comprehensive Water Resources Management

Sub-Sector :

Language :English

Appeal

This program is designed for an administrative officer concerning with IWRM to enhance the capacity on planning and implementation of IWRM. The program includes the case study of IWRM in Tone river basin by site visit and discussions [Coordination among stakeholders (between upstream and downstream, different sectors), Construction of dams, canals, barrages], Monitoring water table and land subsidence, Application in respective countries

Objective/Output

【Objective】
This course aims at the capacity development of the participants on the planning and implementation of IWRM.

【Expected Results】
(1) To understand the concept of IWRM
(2) To understand the hydrological and water-demand-supply balance, the methods of monitoring, assessment and analysis for planning and implementing of IWRM
(3) To understand the water resource development plan, the fair and efficient water utilization plan, the planning methods and the practice of IWRM
(4) To understand the causes of water conflicts among different sectors, regions and those of between upstream and downstream, and to get the clues to solve water conflicts
(5) To formulate an Action Plan to implement IWRM in the certain river basin which is identified as the candidate river basin for IWRM practice in the country by prioritizing current problems and solving them by using acquired skills in the training course

Target Organization / Group

【Target Organization】
Administrative organizations concerning with water resources management, which belong to the central/local government

【Target Group】
(1) To be responsible for a plan on implementation of IWRM in an administrative organization or a department of central/local concerning with IWRM or RBOs
(2) To have more than 5 years of experiences in water resources management
(3) University graduate or who has an academic record equal to a university graduate

Contents

【Preliminary Phase】
Submission of country report

【Core Phase】
(1) Outline of IWRM
(2) Surface and ground water –Development/Utilization/Administration-, Monitoring water table and land subsidence, Water supply and demand control in waterworks side, Water demand management (domestic and agricultural water)
(3) Outline of water resources policy in Japan, Integrated dam operation and drought adjustment, Application of Japanese efficient water use and advanced water related technologies to foreign countries
(4) Consensus building for comprehensive river development, Implementation of IWRM in international rivers, Case study of water conflict management in Japan and the world, Planning for IWRM -Planning process with conflict management-
* Site Visit and Discussions
(5) Presentation of Action Plan

【Finalization Phase】
Sharing of Action Plan in respective organizations within 6 months after the training in Japan

Program Period	2012 / 9/17 ～ 2012 / 10 / 6
Implementing Partner	Under Planning
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2012～2014
Remarks and Website	There is another area-focused program "Integrated Water Resources Management for Middle East" aside from this program.

Water Resource Conservation Management in Islands Area
島嶼における水資源保全管理

Region-Focused Trainers | 1284030 Continuing

13 participants

Target Countries : Oceania (Samoa,Tonga,Marshall,Nauru,Cook,Niue,Solomon,Fiji,PNG)

Sector :Water Resources/Disaster Management/Comprehensive Water Resources Management

Sub-Sector :

Language :English

Appeal

Participants learn not only a principle of water resources management and concept of Integrated Water Resources Management including water policy and drought prevention program of Okinawa, but also are expected to formulate the red between the personnel of water project in Pacific Island Countries. Furthermore, it's expected to contribute to human resources development of water utility organization in Okinawa.

Objective/Output

【Course Objective】 To improve organizational management capacity of waterworks and the concerned government agencies in Pacific Island area with Okinawa's knowledge and skills about water conservation management and effective use which is applicable to Island countries.

【Expected Module Output】
(1) To acquire Okinawa's policy of water resources and integrated water resources management.
(2) To acquire methods of water source development in Islands area and study the possibility of application to own country.
(3) To acquire methods of conservation management of water source in Islands area and study the possibility of application to own country.
(4) To acquire slow filtration system and water supply system of Islands area and to be able to plan to introduce their own countries
(5) To acquire the concept and works of Okinawa's water supply system, and to be able to plan of water supply facilities improvement planning based by actual situations of their problems.

Target Organization / Group

【Target Organization】
Authority or government in charge of water supply
in Pacific islands countries.

【Target Group】
(1) A engineer or government officer who has engaged in organization mentioned above.
(2) At least more than 3 years' experience in the field of water supply.

Contents

【Preliminary Phase in home country】
Formulation and Submission of Country Report

【Core Phase in Japan】
(1) Policy of water sources and the concept of integrated water resources management in Okinawa
(2) Water resources development (the case of Okinawa)
(3) Water resources conservation management in Islands area.
(4) Slow Sand Filtration system (low cost and easy maintenance) in Islands area.
(5) Countermeasure for water leakage, Non-Revenue water management, water quality control system, planning of waterworks facilities maintenance and improvement.

【Finalization Phase in home country】
Reporting in home country, application and implementation of action plan.

Program Period	2012 / 7 / 4 ～ 2012 / 8 / 25
Implementing Partner	Okinawa prefectural Government
JICA Center	JICA Okinawa
Cooperation Period	2010～2012
Remarks and Website	Okinawa Prefectural Enterprise Bureau http://www.eb.pref.okinawa.jp/jigyou/kokusaikouryuu/index.html

Integrated Water Resources Management for Middle East
中東地域統合的水資源管理

Region-Focused Trainers | 1284233 Continuing

7 participants

Target Countries : Middle East (JICA classification) and Afghanistan

Sector : Water Resources/Disaster Management/Comprehensive Water Resources Management

Sub-Sector :

Language : English

Appeal

This program is designed for an administrative officer concerning with IWRM to enhance the capacity on planning and implementation of IWRM. The program includes the case study of IWRM in Yoshino river basin by site visit and discussions [Coordination among stakeholders (between upstream and downstream, different sectors), Construction of dams, canals, barrages], Monitoring water table and land subsidence, Application for Middle East Area.

Objective/Output

【Objective】
This course aims at the capacity development of the participants on the planning and implementation of IWRM.

【Expected Results】
(1) To understand the concept of IWRM
(2) To understand the hydrological and water-demand-supply balance, the methods of monitoring, assessment and analysis for planning and implementing of IWRM
(3) To understand the water resource development plan, the fair and efficient water utilization plan, the planning methods and the practice of IWRM
(4) To understand the causes of water conflicts among different sectors, regions and those of between upstream and downstream, and to get the clues to solve water conflicts
(5) To formulate an Action Plan to implement IWRM in the certain river basin which is identified as the candidate river basin for IWRM practice in the country report by prioritizing current problems and solving them by using acquired skills in the training course

Target Organization / Group

【Target Organization】
Administrative organizations concerning with water resources management, which belong to the central/local government

【Target Group】
(1) To be responsible for a plan on implementation of IWRM in an administrative organization or a department of central/local government concerning with IWRM
(2) To have more than 5 years of experience
(3) To be university graduates or equivalent

Contents

【Preliminary Phase】
Submission of country report

【Core Phase】
(1) Outline of IWRM, Global warming issues and its impact in Middle East
(2) Surface Water -Development/Utilization/Administration-, Sustainable groundwater use, Monitoring water table and land subsidence, Water supply and demand control in waterworks side, Water demand management (domestic and agricultural water)
(3) Outline of water resources policy in Japan, Integrated dam operation and drought adjustment, Application of Japanese efficient water use and advanced water related technologies to foreign countries, New Water Resources.
(4) Consensus building for comprehensive river development, Utilization of Decision Support System (DSS) for IWRM, Implementation of IWRM in international rivers, Case study of water conflict management in Japan and the world, Planning for IWRM -Planning Process with Conflict Management- * Site Visit and Discussions
(5) Presentation of Action Plan

【Finalization Phase】
Sharing of Action Plan in respective organizations within 6 months after the training in Japan

Program Period	2013 / 1/20 ～ 2013 / 2/9
Implementing Partner	Japan Water Agency (JWA)
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	

Non-Revenue Water Management (Leakage control)
上水道無収水量管理対策(漏水防止対策)

Group 1280229
Solution Continuing
15 participants

Target Countries :

Sector :Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :Water Resources/Disaster Management/Rural Water Supply

Language :English

Appeal

This course focuses on improving non-revenue water management skills and knowledge: water leakage detection and prevention, water volume control, water pipe planning and pipeline rehabilitation/replacement. Nagoya City, whose water leakage rate is 3.3%, will provide the technical training with sufficient practices at its massive training center, to increase revenue from the water use, while delivering safe water to all in the respective countries.

Objective/Output	Target Organization / Group
<Program Objective> To understand activities and systems for maintaining and managing waterworks in Japan as well as to build human capacity in applying the outputs of the program effectively to developing the participant's duties in his/her home country <Expected modules outputs> 1. To acquire a comprehensive knowledge of various problems on non-revenue water 2. To understand leakage detectors' operation 3. To understand classification of leakage prevention works and analysis of water distribution volume and leakage volume 4. To be able to plan leakage prevention 5. To acquire practical knowledge and techniques for planning, designing and construction management as measures of leakage prevention	<Target Organization> (1)Waterworks section of central/local government, waterworks public corporation, administration body in charge of water resources (2)Special organization in charge of maintaining and managing waterworks system <Expected Job Title> A technical official or a middle-class administrative official <Expected Job Experience> At least 5 years in maintaining and managing waterworks system <Other Qualifications> Applicants are expected to be playing a core role in leakage control in his/her country.

Contents		
【Module 1】 ・Introduction to waterworks in Japan and Nagoya ・Non-revenue water management in Nagoya 【Module 2】 ・Property of leakage ・Mechanism and operation of leakage detection equipment 【Module 3】 ・Analysis of distributed water volume and leakage volume ・Classification of leakage prevention and repair work 【Module 4】 ・Planning of leakage prevention work ・Cost-effectiveness analysis ・Selection of materials 【Module 5】 ・Main facility designing ・Distribution control ・Corrosion control ・Designing of transmission pipes ・Rehabilitation and replacement of pipeline ・Types and specification of meters, pipes joints ・Management of mapping data ・Disaster control	Program Period	2012/11/ 4 ～ 2012/12/14
	Implementing Partner	Nagoya City Waterworks & Sewerage Bureau
	JICA Center	JICA Chubu
	Cooperation Period	2011～2013
	Remarks and Website	"Non-revenue water control" is not primarily focused on acquiring the technique for leakage control, rather than illegal water use.

Operation and Maintenance of Urban Water Supply System(Water Quality and Purification)
都市上水道維持管理（浄水・水質）

Group 1280275
Trainers New
10 participants

Target Countries :

Sector :Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language :English

Appeal

This intensive and practical training aims technical transfer and dissemination, especially targeting at field engineers who are engaged in "Water Quality and Purification" in Urban Water Supply organizations in developing countries.

Objective/Output	Target Organization / Group
【Objective】 Applicable knowledge and techniques of "Water Quality and Purification," including disaster management, are shared among engineers in the organizations which is in charge of operation and maintenance of urban water supply system in participating countries. 【Objective for each unit】 (1) "Water Quality and Purification" situation of the participating countries are shared through Country Report presentation and discussion. (2) To acquire and explain overall knowledge of water supply business administration in Japan and Osaka (3) To learn and explain "Water Quality and Purification" activities at Osaka Municipal Waterworks Bureau, and acquire technologies about operation and maintenance of the facilities. (4) To learn and explain adequate water business administration and practical knowledge and technologies of "Water Quality and Purification." (5) To formulate and present Action Plan which includes dissemination activities to solve problems in the participating countries utilizing the knowledge acquired in the training course (6) To implement the Action Plan including dissemination activities.	【Target Organizations】 Organizations in charge of urban water supply system and in relation with Japanese bilateral cooperation program 【Target Group】 *Engineers in "Water Quality and Purification" field of urban water supply organizations who are responsible for the training of other engineers. *More than 5 years of practical experience in the above-mentioned field. Under 45 years of age. *Proficient in spoken and written English.

Contents		
【Activity in Preliminary Phase in home country】 Formulation and submission of Country Report and Preparation for the Country Report presentation 【Activity in Core Phase in Japan】 ・Country Report Presentation ・Discussion (training needs assessment) ・(Lecture) ・Water Business in Japan and Osaka City・Disaster Management (Lecture/Site Visit)・Water Purification Plant ・Waster Quality control methods ・Water chlorination theory・Purification treatment ・Trouble case study (Lecture・site Visit・Practice) ・Operation and maintenance of Purification Plant ・Operation and maintenance of Intake and distribution facilities・Operation and maintenance of electro-mechanical equipment・Water quality control (Jar test) ・Interim Discussions・Consultation・Action Plan Presentation 【Activity in Finalization Phase in home country】 Dissemination activities are carried out in the participant's organization and a completion report is submitted to JICA in 3 months.	Program Period	2012 / 6/18 ～ 2012 / 7/12
	Implementing Partner	Osaka Municipal Waterworks Bureau, Osaka Water General Service Co. Ltd.
	JICA Center	JICA Kansai (I)
	Cooperation Period	2012～2014
	Remarks and Website	

Waterworks Engineering
上水道技術者

Group 1280763
Solution Continuing
10 participants

Target Countries :

Sector :Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language :English

Appeal

This course contains the total viewpoint including water source management, purification, supply&distribution, and wide knowledge to ensure water quality&quantity, and it is beneficial for problems solving in developing countries. In the course, which consists of lectures, practical exercises and site visits, skillful engineers in Waterworks Bureau of Sapporo transfer systematic&concrete techniques to participants, and they will acquire skills to apply the know-hows of waterworks management into their countries. In Action plan preparation, current situation analysis in their organization will be supported, and they will get useful feedbacks by experts for mid-term report and Action Plan to achieve high-quality report.

Objective/Output

<Course Objective>
Participants prepare action plan, which is essential for safe and stable water supply, to improve problems about waterworks system and appropriate activities are implemented based on the action plan after returning.

<Objective for each unit>
1)To acquire knowledge and experiences to improve water purification plant and operation
2)To acquire knowledge and experiences to improve water distribution and service
3)To acquire knowledge and experiences to improve leak prevention
4)To acquire knowledge and experiences to improve water source and water quality control
5)To account eco-friendly water business management
6)To acquire knowledge of public administration, plan overview and human resource development
7)To consider the solution for water business problems in participant's country and to make a presentation of action plan
8)To share the action plan in organization and to implement it after returning

Target Organization / Group

<Target Organization>
Governmental, semi-governmental, or corporate organizations in charge of public water supply

<Expected Job Title>
Waterworks engineers for governmental, semi-governmental, or corporate organizations in charge of public water supply

<Expected Job Experience>
To have at least 3 years of practical experience for those university graduate or equivalent; or at least 7 years of practical experience for those polytechnic graduates or equivalent

Contents

<Preliminary Phase>
To prepare Country Report
<Core Phase in Japan>
1)Design/integrated operation/maintenance of rapid-filter water treatment plant, Advanced water purification, Mechanism of water purification process, Slow-filter water treatment plant visit
2)Water supply&distribution, Distribution pipe design/laying plan, Pipeline maintenance, Network analysis of pipes, Outline of service installation, Pipe&meter manufacturing plant visit, Disaster control, Water rate system, Call center
3)Leak prevention planning, Block metering plan/operation, Leak prevention method/Detection
4)Water source development & water problems caused by algae, Water source control/monitor/patrol, Water quality control/judgment by aquatic organism, Design of pumping facilities/drilling technology for water well, Waterworks facilities utilizing ground water, Jar test
5)Eco-friendly water supply business management and facilities
6)Water supply & distribution in Sapporo & in Japan, Water circulation & its risk, Planning & demand projection, Water business in the world & Japan technology
7)Country report presentation, Problem analysis, Mid-term consultation, Action plan, Progress report within 6 months
<Final Phase in participants' countries>
8)To submit Progress Report to JICA

Program Period	2012 / 7 / 4 ～ 2012 / 9 / 19
Implementing Partner	Waterworks Bureau, City of Sapporo
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	

Operation and Maintenance of Urban Water Supply System(Water Distribution and Service)
都市上水道維持管理(給・配水)

Group 1280870
Trainers Updated
10 participants

Target Countries :

Sector :Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language :English

Appeal

This intensive and practical training aims technical transfer and dissemination, especially targeting at field engineers who are engaged in "Water Distribution and Service" in Urban Water Supply organizations in developing countries.

Objective/Output	Target Organization / Group
【Objective】 Applicable knowledge and techniques of "Water Distribution and Service," including disaster management, are shared among engineers in the organizations which is in charge of operation and maintenance of urban water supply system in participating countries. 【Objective for each unit】 (1) "Water Distribution and Service" situation of the participating countries are shared through Country Report presentation and discussion. (2) To acquire and explain overall knowledge of water supply business administration in Japan and Osaka (3) To learn and explain "Water Distribution and Service" activities at Osaka Municipal Waterworks Bureau, and acquire technologies about operation and maintenance of the facilities. (4) To learn and explain adequate water business administration and practical knowledge and technologies of "Water Distribution and Service." (5) To formulate and present Action Plan which includes dissemination activities to solve problems in the participating countries utilizing the knowledge acquired in the training course (6) To implement the Action Plan including dissemination activities.	【Target Organizations】 Organizations in charge of urban water supply system and in relation with Japanese bilateral cooperation program 【Target Group】 *Engineers in "Water Distribution and Service" field of urban water supply organizations who are responsible for the training of other engineers. *More than 5 years of practical experience in the above-mentioned field. Under 45 years of age. *Proficient in spoken and written English.

Contents		
【Activity in Preliminary Phase in home country】 Formulation and submission of Country Report and Preparation for the Country Report presentation 【Activity in Core Phase in Japan】 ・Country Report Presentation ・Discussion (training needs assessment) ・(Lecture) ・Water Business in Japan and Osaka City・Disaster Management (Lecture/Site Visit)・Water Treatment Plant・Operation and Maintenance of Pipe line (Overall・Leakage Detection and Repair) ・Operation and Maintenance of Water service facilities (Overall・Water meter) (Lecture/Site Visit/Practice)・Operation and maintenance of pipeline (leakage detection plan, piping and branching, drilling etc.) ・Water service equipment practice (adhesion, tapping, water suspension, disassembly of small pipes etc.) ・Interim Discussions ・Consultation・Action Plan Presentation 【Activity in Finalization Phase in home country】 Dissemination activities are carried out in the participant's organization and a completion report is submitted to JICA in 3 months.	Program Period	2012/ 6/18 ～ 2012/ 7/19
	Implementing Partner	Osaka Municipal Waterworks Bureau, Osaka Water General Service Co. Ltd.
	JICA Center	JICA Kansai (I)
	Cooperation Period	2012～2014
	Remarks and Website	

Water Supply Administration for Better Management of Water Supply Services
水道管理行政

Group 1280915
Solution Continuing
13 participants

Target Countries :

Sector :Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language :English

Appeal

This course is designed for executive officers of water supply administration or waterworks bureau to share experience in Japan on administration for safe and stable water supply such as regulation, operation and maintenance, water quality control, countermeasures for non-revenue water, and performance indicators. This course focuses on "sound management of waterworks" and includes a discussion with executives/experts related to waterworks in Japan.

Objective/Output

【Objective】 To understand water supply administration, management and operation and maintenance in Japan, in particular, water quality control, measures against non-revenue water and water supply standards, to clarify the future subjects through sharing information and to formulate an improvement plan on the feasible basis.

【Expected Results】
(1) Sharing information on current situations and key problems in the participating countries
(2) To be able to understand water supply administration, management and operation and maintenance in Japan
(3) To be able to understand water quality management, in particular, water safety plans
(4) To be able to understand the countermeasures for reduction of non-revenue water (leakage)
(5) To be able to understand the water supply standards including water supply management guidelines and performance indicators

Target Organization / Group

【Target Organization】 The division / department in charge of administration on management of water services in central / local government / waterworks bureau

【Target Group】
(1) To be executive officers or senior administrative officers such as
- between Director Generals and Directors of Departments in Central Governments
- Director Generals of Departments or equivalent in waterworks bureau
(2) To be expected to continue their careers in the water supply field
(3) To have a sufficient command of English

Contents

【Preliminary Phase】
Submission of the country report

【Core Phase】
(1) Country report presentation, Improvement plan formulation
(2) Water supply administration in Japan, History of water supply in Japan
(3) Water quality control, Water safety plan, Public health and water supply
(4) Countermeasures for non-revenue water, Relation to financial management
(5) Appropriate management of water supply management (International standards and Japan's guidelines, Performance indicators, discussion on sound management)
(6) Field Visit (Water Treatment Plant, Training Center)

【Finalization Phase】
Sharing of Improvement Plan in respective organizations within 6 months after the training in Japan

Program Period	2012 / 6/24 ～ 2012 / 7/7
Implementing Partner	Japan International Cooperation of Welfare Services (JICWELS)
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	This course will be held 2 times in the fiscal year 2012. 1st : 2012/ 6/24 - 7/7 2nd : 2012/11/18 - 12/1 *12 participants

Engineering on Water Supply Systems
上水道施設技術

Group 1280944
Solution Continuing

Target Countries :

13 participants

Sector :Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language :English

Appeal

This program is designed for an engineer to obtain the integrated knowledge and technique of water supply plan, design, O&M, management regarding large-scale water supply services. <Curriculum> [Practice] Water Demand Forecasting, Pipeline Network Analysis(hydrologic), Basic Planning and Design (Pipeline Network, Water Purification Facility) [Lecture] Waterworks Management, Regulation, Tariff System [Observation] Manufacturing Factory, etc.

Objective/Output	Target Organization / Group
【Objective】 To draw basic plan drawings for a purification facility and pipeline network, and to formulate an action plan to solve problems that respective organizations have encountered 【Expected Result】 (1) To sort out the necessary technology for improvement of their water supply systems (2) To sort out the necessary functions and roles of related entities for improvement of their water supply management (3) To master the skill of basic planning and design for pipeline network and water purification systems (4) Through information and skill from this training, to formulate an action plan that solves problems their organizations have encountered, and to share the plan in respective organizations	【Target Organization Departments of water supply planning or designing in a water supply utility, central/local government 【Target Group】 (1) To be presently in a management position or a senior engineer who is currently or expected to be engaged in the formulation of waterworks plan (2) To be engineers with more than 5 years of experience in water supply and to be university graduates from the faculty of engineering such as civil, sanitary, environmental, or have equivalent academic background

Contents		
【Preliminary Phase】 Submission of Country Report 【Core Phase】 (1) Pipeline Network Analysis (hydrologic), Water Demand Forecasting, Basic Planning and Design (Pipeline Network, Water Purification Facility, Water Supply Systems) (2) Water Purification Process, Operation and Maintenance of Distribution Facilities, Construction of Water Supply Facilities, Countermeasures of Water Leakage Prevention (3) Waterworks Management and Tariff System in Japan, Observation of Manufacturing Factory, Sanitation Research Organization, Small-scale Hydraulic Power Generation Plant (4) Country Report Presentation, Action Plan Presentation, 【Finalization Phase】 Sharing of Action Plan in respective organizations within 3 months after the training in Japan	Program Period	2012 / 5/ 9 ～ 2012 / 7/25
	Implementing Partner	Japan Water Works Association (JWWA)
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Waterworks Engineering in Cold Climate Regions
寒冷地上水道技術

Region-Focused Trainers | 1284143 Continuing

Target Countries : Those in Cold Climate Regions

6 participants

Sector : Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language : Russian

Appeal

This program is for senior engineers to improve knowledge & techniques of waterworks engineering to propose feasible solutions for their issues. In the course, which consists of lectures practical exercises and site visits, skillful engineers in Waterworks Bureau of Sapporo transfer systematic&concrete techniques to participants, and they will acquire skills to apply the know-how of waterworks management into their countries.

Objective/Output	Target Organization / Group
【Objective】 Each participant shares and implements its action plan in respective organization, and reports progress to JICA 【Expected Outputs】 (1)To acquire knowledge and experiences to improve water treatment facilities and water treatment method in the participant's country (2)To acquire knowledge and experiences to improve water distribution, service installation, maintenance, and water charge systems in the participant's country (3)To acquire knowledge and experience to improve leak prevention in the participant's country. (4)To acquire knowledge and experiences to improve water quality control in the participant's country (5)To acquire particular knowledge and experiences in cold climate regions to improve water supply system in the participant's country	【organization】 Public corporation/governmental bodies in charge of water SUPPLY in cold climate regions 【Personal Qualification】 <Current Duties> senior waterworks engineers (WATER SUPPLY ONLY; NOT for sewerage work) <Experience> at least three (3) years for those university graduate; OR have at least seven (7) years of practical experience for those not

Contents		
【preparatory phase】 To prepare country report to identify issues 【core phase】 (1) visit/structure/design/operation of water purification plant, advanced water purification (membrane) (2) distribution reservoir/pipe laying plan, pumping station, maintenance, design & quantity calculation for new installation, construction site, networks analysis, manufacturing plant, metering, charge collection,call center, metering site, environmentally conscious management (3) leak prevention/planning/detection/on-site prevention method, block metering (4) water quality control, water source & algae, design/pump/drilling of pumping station, bioassay (5) country report presentation, problem analysis, discussion, action plan consultation/presentation 【finalization phase】 To share the knowledge based on action plan, then report its progress to JICA in 6 months	Program Period	2013 / 1/ 9 ～ 2013 / 2 / 28
	Implementing Partner	Waterworks Bureau, City of Sapporo
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2010～2012
	Remarks and Website	

African Region Urban Waterworks Engineering
アフリカ地域都市上水道技術者養成

Region-Focused Trainers | 1284337 Continuing

10 participants

Target Countries : African Region

Sector : Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language : English

Appeal

Following the statement of TICAD 4 which was held in May 2008 in Yokohama, this program is proposed to secure the safe water in the African Region by transferring useful and practical know-how on water supply for urban waterworks senior engineers engaging in the planning, constructing, and maintenance of water supply system.

Objective/Output

【Objectives】
Knowledge on integrated waterworks management and solution on specific issues will be understood and will be spread out through the program.

【Outputs】
1. To understand the history, system, and challenges of water works in Japan, and to be able to compare with the situation of the respective country
2. To understand the basic water works technology, such as filtration plan mechanism, water purifying, water supply system, and prevention of water leakage, and to be able to compare with the situation of the respective country.
3. To understand the integrated/efficient water works management system considering environment.
4. To formulate the Draft Action Plan to resolute the specific issue(s).

Target Organization / Group

【Target Organizations】
Central or provincial government, or in local bodies in charge of waterworks engineering.

【Target Group】
1. Senior technical officers in charge of waterworks engineering in central or provincial government, or in local bodies.
2. At least 10 years of practical experience in this field.
3. University graduates or persons who have equivalent technical qualifications in waterworks engineering.

Contents

[Preliminary Phase]
1. Preparation of Inception Report on waterworks in each country.

[Core Phase in Japan]
1. Lectures, observations, and discussions on followings will be conducted.
 * History, system, and challenges of water works in Japan.
 * Basic water works technology, such as filtration plan mechanism, water purifying, water supply system, and prevention of water leakage in Japan.
 * Integrated/efficient water works management system.
2. Development of the draft action plan, and its presentation and discussion.

[Finalization Phase]
1. Presentation and discussion of the draft action plan among the stakeholders in respective countries.
2. Submission of the final report on action plan.

Program Period	2012/11/ 4 ～ 2012/12/1
Implementing Partner	Under Planning
JICA Center	JICA Yokohama
Cooperation Period	2011～2013
Remarks and Website	

Community Empowerment through Safe Water Management for Arid Regions in French Speaking African Countries
仏語圏アフリカ乾燥地域 村落飲料水管理

Region-Focused Solution | 1284248 Continuing

12 participants

Target Countries : Arid Region in French Speaking African Countries

Sector :Water Resources/Disaster Management/Rural Water Supply

Sub-Sector :

Language :French

Appeal

In rural communities in the developing countries, it is generally recognized that not only the lack of fundamental water supply facilities but also fragile social systems to operate and maintain those facilities are the main challenges. In fact, in order to sustain the water supply system at the community level, it is essential to establish the community participation approach; however, it is also pointed out that those communities often lack the "Key Person" to lead the communities for proper management of the system. This training program aims to cultivate such human resources and stimulate them to establish an appropriate system in their respective country.

Objective/Output

【Objective】
The official plan to establish/strengthen a sustainable, participatory and gender-sensitive operation and maintenance system for safe drinking water supply in a small-scale community is formulated/improved by the organizations to which the participants are belonging.

【Expected Module Output】
1. To acquire knowledge and skills necessary for safe drinking water supply in small-scale community (quantity, quality, treatment and distribution of water)
2. To acquire knowledge and skills for sustainable, participatory and gender-sensitive operation and maintenance system for safe drinking water supply
3. To propose an “Action Plan” for sustainable, participatory and gender-sensitive operation and maintenance system for safe drinking water supply

Target Organization / Group

【Target Organization】
Central/local government and NGOs engaged in safe drinking water supply and /or management in small-scale communities

【Expected Qualification】
1. Government officials/NGO staffs
2. More than three (3) years of practical/research experiences in the relevant field
3. Female participants are more preferable
4. Competent language skill in French (spoken and written)

Contents

【Preliminary Phase】Prepare and submit a Country Report and Gender Report

【Phase in Japan】
1) Safe drinking water supply in small-scale community:
Drinking water supply in small-scale communities, Appropriate technology for drinking water supply, Groundwater utility, Sanitation, Biomes circulation & environmental management, Environmental contamination, Drinking water utilization patterns
2) Knowledge and skills to establish a community participation system:
Community development, Gender mainstreaming, Micro-credit, Facilitation skills on hygiene and environment education,Communication skills for promoting community participation
3) Preparation of the Action Plan: Presentation of “Country Report”, Methodology on “Project Cycle Management (PCM)”, Preparation and presentation of an “Action Plan”

【Finalization Phase in a participant's home country】
Preparation and submission of the Final Report on the achieved progress/results (within 3 months after the completion of the program in Japan)

Program Period	under planning
Implementing Partner	Fuji Women's University
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	

Training for Expert on Flood-related Disaster Mitigation
洪水関連災害防災専門家育成

Group Leaders 1280043 Continuing

24 participants

Target Countries :

Sector :Water Resources/Disaster Management/Wind and Flood Disaster(Flood Control)

Sub-Sector :

Language :English

Appeal

This program is provided to technical officials, engineers or researchers of governmental organizations concerning river management or water-related disasters. This program aims to develop the participant's capacity to practically manage the problems and issues concerning water-related disasters in developing countries.

Objective/Output

【Objective】
The program objective is to develop the participant's capacity to practically manage the problems and issues concerning water-related disasters for contributing to mitigation of water-related disasters in their countries.

【Outputs】
1. To be able to explain basic concept and theory on Generation Process of Water-related Disasters, Control measures for Landslide and Debris Flow.

2. To be able to explain basic concept and theory on Water-related Hazard Risk Evaluation, Disaster Risk Management Policy and Technologies.

3. To formulate the countermeasures (Master Thesis and Action plan) to solve the problems and issues concerning water-related disasters for applying techniques and knowledge acquired through the training course in their countries.

Target Organization / Group

【Target Organizations】
This program is designed for the governmental organization concerning to river management or water-related disaster mitigation.

【Target Group】
1. Administrative officers and/or engineers and/or researchers in the field of water management in above-mentioned organization.
2. Experience in the relevant field: more than 3 years' experience.
3. Be university graduates in civil engineering, water resource management, or disaster mitigation, etc. equivalent background.

English proficiency: TOEFL PBT 550

Contents

【Preliminary Phase】
To make an Inception Report on current situation and problem of water-related disasters in their countries.

【Phase in Japan】
To acquire the necessary skill and technique for reducing water-related disasters through lectures, discussions, research, practical exercises and site visits, etc.

(1)Generation Process of Water-related Disasters, Control measures for Landslide and Debris Flow
・Hydrology, Flood hydraulics and sediment transport, Mechanics of sediment transportation and river changes, Control measures for landslide & debris flow, etc.

(2)Water-related Hazard Risk Evaluation
・Disaster management policy, Disaster risk management, Integrated Flood Risk Management, Local disaster management and hazard mapping, etc.

(3)To formulate flood countermeasures
・Individual study (Formulation of Master thesis, Action Plan)

Program Period	2012/10/ 1 ～ 2013/ 9/18
Implementing Partner	International Centre for Water Hazard and Risk Management (ICHARM), PWRI National Graduate Institute for Policy Studies (GRIPS)
JICA Center	JICA Tsukuba (Training&Partnership)
Cooperation Period	2010～2012
Remarks and Website	ICHARM http://www.icharm.pwri.go.jp/index.html GRIPS http://www.grips.ac.jp/index.html

Capacity Development for Flood Risk Management with IFAS
統合洪水解析システム(IFAS)を活用した洪水対応能力向上

Group 1280264
Solution Updated

Target Countries :

9 participants

Sector :Water Resources/Disaster Management/Wind and Flood Disaster(Flood Control)

Sub-Sector :

Language :English/Vietnamese

Appeal

This training course aims to mitigate flood damage by strengthening the participating countries' coping capacity including the development of local flood risk management plans with early evacuation of local residents through the application of the Integrated Flood Analysis System (IFAS) to flood vulnerable areas.

Objective/Output

【Objective】
Coping capacity for flood damage mitigation including appropriate flood forecasting and early evacuation of residents is strengthened in each participating country.

【Outputs】
(1)Understand the problems and possible solutions for flood damage mitigation based on the analysis of flood risk management concept, system or structures in the respective country.

(2)Understand concept and actual calculation of run-off and flood analyses and flood risk management by learning the operation of IFAS system and outline of disaster management/ evacuation plan

(3)Develop draft local flood management plan for a flood vulnerable area.

Target Organization / Group

[Target Organization/ Group]
Combination of national/local governmental organizations responsible for flood forecasting, early warning system, flood risk management and evacuation of residents

Meteorologic engineer, Civil engineer in charge of river management, Administrative officer in charge of evacuation of residents

[Required experience/ knowledge]
More than 2 years

Knowledge of Meteorology, Civil engineering (Especially in hydraulics and hydrology), Evacuation planning, respectively

Contents

[Preliminary Phase]
Participants from each country jointly prepare Inception Report on flood situation.

[Phase in Japan]
Output(1)
- Workshop to improve problem-analysis skill
- Lectures on flood countermeasures

Output(2)
- Lectures and exercises on run-off and flood forecasting including operation of IFAS
- Lectures on outline of disaster management/ evacuation plan
- Study tours on flood countermeasures (including early flood forecasting/warning systems and interviews with local municipalities)

Output(3)
- Workshop to improve planning skill
- Drawing up of a feasible draft local flood management plan by applying IFAS to the target flood vulnerable area in each country

[Finalization Phase]
Participants jointly hold debriefing sessions, and finalize the Action Plan.
Implement the Plan organizationally and submit Progress Report after 3 months.

Program Period	2012 / 7 / 9 ～ 2012 / 8 / 8
Implementing Partner	International Centre for Water Hazard and Risk Management (ICHARM), Public Works Institute
JICA Center	JICA Tsukuba (Training&Partnership)
Cooperation Period	2012～2014
Remarks and Website	ICHARM http://www.icharm.pwri.go.jp/index.html

Water Related Disaster Management(Preparedness, Mitigation and Reconstruction) in Asian Region
アジア地域 水災害被害の軽減に向けた対策

Region-Focused Solution | 1284356 New

15 participants

Target Countries : Asia

Sector : Water Resources/Disaster Management/Wind and Flood Disaster(Flood Control)

Sub-Sector : Water Resources/Disaster Management/Soil and Water Disaster

Language : English

Appeal

This course aims to develop participant's capacity to solve water related problems and contribute to mitigate water related disaster in their countries aggravated by climate change through lectures and practices on the knowledge and technologies accumulated in Japan, and also the experience of recovery and reconstruction for the Great East Japan Earthquake and Tsunami will be introduced.

Objective/Output

【Objective】
The program is intended to develop capacity of policy making to reduce water related disaster through learning technologies and experiences of Japan and restructuring participant countries' water related disaster management policy.

【Objective for each unit】
1:To learn the importance of the hydrological technology and disaster preparedness, with case study in recent natural disasters, such as Great East Japan Earthquake.
2:To be able to explain basic concept and theory on flood control and disaster management.
3:To acquire the technology of flood control and disaster management in Japan.
4:To improve participants' capabilities by applying techniques and knowledge acquired through studies on issues in their countries and through developing action plans for solving the problems in their countries.

Target Organization / Group

<Target Organization>
Organization in charge of flood risk management, water resources management

<Target Group>
Person who satisfies following requirement 1) or 2) and has a good English ability
1) A degree of water resource management, hydraulics or disaster management
2) Working experience over five years in the field of water resources management, hydraulics or disaster management

Contents

<Activity in Preliminary Phase in home country>
To make the country report on present measures of water related disasters in their own countries.

<Activity in core Phase in Japan>
(1) Lectures with basic subjects related with river planning and strategy on flood control and disaster management in Japan.
(2) Site visits related with flood control facilities in Japan.
(3) Practice with IFAS and Common MP (hydraulic analysis technology)
(4) Project Cycle Management about the problem of flood control and disaster management with their countries.
(5) Making action plans for solving the problems in their countries and having a discussion in the end of the course.

<Activity in Finalization Phase in home country>
To hold a debriefing session
To introduce and explain the Action Plan based on the analysis and interpretation of their own problems by applying the knowledge and techniques acquired in the course.

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Tsukuba (Training&Partnership)
Cooperation Period	2012～2014
Remarks and Website	

Disaster Risk Management Technology on Volcanic Eruption, Debris Flow and Landslide
火山学･総合土砂災害対策コース

Group Leaders 1280876 Continuing

11 participants

Target Countries :

Sector :Water Resources/Disaster Management/Soil and Water Disaster

Sub-Sector :

Language :English

Appeal

This course is to improve participants' technology on volcanic observation or Sabo who will be key persons in those fields.

Objective/Output	Target Organization / Group
Participants of this course are expected to improve their technology on volcanic observation or comprehensive sediment management and be able to enhance their capacity on making countermeasures to the disaster prevention / mitigation of their countries. 【Common Program 】 to understand and be able to explain: (1) the basic common knowledge of volcanology and erosion & sediment control engineering (2) the administration of disaster management in consideration of inhabitants' participation. 【Volcanology Course】to understand and be able to explain: (1) basic knowledge of volcanology (2) and to be able to carry out volcano observation data analysis and interpretation 【Sabo Course】to understand and be able to explain: (1) basic knowledge of erosion and sediment control engineering (2) basic mechanism of sediment-related disasters such as debris flow (3) comprehensive sediment-related disaster prevention measures, structural and non-structural measures (4) the environmentally -sound comprehensive sediment management	<Target Organization>Ministry of Public Works, Ministry of Water Resources, Institute of Volcanology, Seismology, Geology or Geophysics.

Contents		
This course consists of 3 components, i.e. common program, thematic program (volcanology or sabo) and individual program. The key component of this course is the individual program. Each participant will conduct 3/4 months individual training /research at university, volcano observatory, institution or foundation based on interests of the participating personnel and their organization. The theme of individual program will be set by the needs clarification form. As a result of individual training/research, each participant will be required to make a final report and present to the curriculum committee members. 【Common Program】 (1)Basic common knowledge of volcanology and sabo 【Volcanology Course】 (1) Basic knowledge volcanology (2) Methodology of observation 【Sabo Course】 (1) Basic knowledge of sabo engineering (2) Structural measures (3) Non-structural measures 【Individual Program】 (1) Individual training / research and making a final report	Program Period	2012 / 5/30 ～ 2012 /11/24
	Implementing Partner	SABO Technical Center (STC)
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2009～2012
	Remarks and Website	The 2nd course, originally planned for 2010, was postponed and implemented in 2011. This is the 3rd course.

Operating Management of Earthquake, Tsunami, and Volcano Eruption Observation System
地震津波火山観測システムの運用･管理

Group Leaders 1280035 Continuing

6 participants

Target Countries : Frequently disasters by earthquake, tsunami, or volcano eruption.

Sector : Water Resources/Disaster Management/Earthquake Disaster

Sub-Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Language : English

Appeal

A simple concept such as evacuating seashore after a strong quake should mitigate tsunami victims. However, developing countries have no mitigation program, and thus damages are expanding. In the training, through lectures, field works, and discussions at the university, participants learn about disaster mitigation (including lessons learned from failures in Japan) and establish a strong monitoring system in their home countries. They develop the skills to act as key persons in the JICA disaster mitigation programs in their countries.

Objective/Output

<Program Objective>
To upgrade the potential of experts in target countries by improving earthquake observation technology and understanding earthquake generation mechanism for contribution to the implementation of the observation network on earthquake and others.

<Expected module outputs>
1. To understand the fundamental theories of Earthquake, Tsunami and Volcano eruption and principles of seismometer, observation system
2. To learn the field practices, the early tsunami warning system and observation methods used in the case of emergency
3. To understand the observation with international cooperation and the joint observation in the plate subduction zone
4. To improve participants' capacities to apply knowledge and techniques acquired in lectures and practices through their studies on individual topics, and to make action plans in order to solve problems in their respective countries

Target Organization / Group

<Target Organization>
Meteorological Office, Geographic Observatory, Seismic Research Institute and Technological University

<Expected Job Title>
Middle-class Manager

<Expected Job Experience>
At least 5-year experience on earthquake, tsunami, and volcano eruption observation and preferably engaged in field work

<Other Qualifications>
Master's degree or PhD

Contents

【Module 1】
･Earthquake, tsunami, and volcano eruption observation system
･Principles of earthquake, tsunami, and volcano eruption

【Module 2】
･Analysis of earthquake, tsunami, and volcano eruption
･Crustal movement observation and its analysis
･Real-time observation and its operation

【Module 3】
･Plate tectonics
･Earthquake and tsunami in the plate subduction zone
･Volcano eruption in the plate subduction zone

【Module 4】
･Earthquake, tsunami, volcano eruption as great disasters in the world
･Great disasters due to earthquake, tsunami, and volcano eruption and their effects on people's lives
･Action Plan guidance
･Presentation of Action Plan

Program Period	2012 / 9 / 2 ～ 2013 / 2 / 28
Implementing Partner	Nagoya University
JICA Center	JICA Chubu
Cooperation Period	2011～2013
Remarks and Website	The training participant shall have basic research ability, as he/she is going to be working on an individual research in the latter part of the training period.

Seismology, Earthquake Engineering and Disaster-recovery Management Policy
地震･耐震･防災復興政策

Group Leaders 1280875 Updated

21 participants

Target Countries :

Sector :Water Resources/Disaster Management/Earthquake Disaster

Sub-Sector :

Language :English

Appeal

This course aims to develop the participants' capacity to establish, utilize and disseminate earthquake disaster mitigation technologies, i. e., Seismology, Earthquake Engineering and Disaster-Recovery Management Policy with much experience accumulated in Japan, for contributing to reduce the damage of earthquake disasters in their own countries, as the leading specialists of the corresponding field.

Objective/Output	Target Organization / Group
【Objective】 To foster persons capable to plan, apply, educate, and disseminate knowledge and technologies for earthquake disaster mitigation, through the training in the fields of Seismology, Earthquake Engineering and Disaster-Recovery Management Policies that are accumulated in Japan. 【Outputs】 (1)To be able to explain basic concept and theory on Earthquake Mechanism and Earthquake Resistant Design as a basis of Earthquake Disaster Mitigation Scheme (2)To be able to explain basic concept and theory on Seismic Hazard Estimation, Earthquake Disaster – Recovery Management Policy inevitable to establish Earthquake Disaster Mitigation Scheme (3)To improve participant's capabilities to apply techniques and knowledge acquired through their studies on individual topics and to make Master Thesis / Action plans to solve the problems in their countries	[Target organization] Governmental organizations concerning the public interest in Seismology, Earthquake Engineering and Disaster-Recovery Management, and/or universities, NGOs Technical officials, engineers or researchers working with governmental organizations concerning Seismology, Earthquake Engineering and Disaster-Recovery Management, or with others of the same role [Qualification] university graduates in the field of Seismology, Earthquake Engineering or Disaster-Recovery Management, or in other science and technology fields Working experience:more than 3 years English proficiency: TOEFL PBT 550.

Contents		
[Preliminary Phase] To draft an Inception Report on Seismology, Earthquake Engineering and Disaster-recovery Management Policy in participant's country and organize the idea on related issues preliminarily [Phase in Japan] Output(1) Lectures, Practices and Observation Visits related with Basic Subjects (Information Technology, Earthquake Phenomenology, Structural Analysis & Dynamics) and Advanced Subjects (Earthquake Circumstance, Characteristics of Earthquake Disasters, Seismic Design, Evaluation and Retrofitting) Output(2) Lectures, Practices and Observation Visits related with Earthquake Hazard, Risk Assessment and Earthquake Disaster-Recovery Management Policy(Disaster mitigation and recovery policy,Risk management and Development assistance) Output(3) Individual guidance for specific studies (Master Thesis) / Action Plan based on the analysis and interpretation of their own problems by applying the knowledge and techniques acquired in the course.	Program Period	2012/10/ 1 ～ 2013/ 9/18
	Implementing Partner	IISEE, Building Research Institute (BRI), National Graduate Institute for Policy Studies (GRIPS)
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2012～2014
	Remarks and Website	IISEE http://iisee.kenken.go.jp/ GRIPS http://www.grips.ac.jp/index.html

Strategy for Disaster Risk Reduction against Mega-Earthquake Disaster
巨大地震災害軽減のための総合戦略

Group 1280892
Trainers Updated
12 participants

Target Countries :

Sector :Water Resources/Disaster Management/Earthquake Disaster

Sub-Sector :Health/Health System

Language :English

Appeal

Mega-disasters such as the Great Hanshin-Awaji Earthquake and the Great East Japan Earthquake with Tsunami have clearly shown that urban and rural societies have a complex & wide variety of risks and vulnerabilities against mega-earthquake. The strategy for disaster risk reduction for such disasters will be taught using risk assessment, risk management, and risk communication framework.

Objective/Output	Target Organization / Group
【Objective】 DRR (Disaster Risk Reduction) strategy for urban earthquake and tsunami, which is based on a pro-active approach of DRR utilizing various tools and knowledge in risk assessment, risk management, and risk communication, is to be studied and built at each organization to implement urban earthquake DRR. 【Objective for each unit】 (1)Ability to explain of Risk Assessment Tools and Knowledge (2)Ability to explain of Risk Management Tools and Knowledge (3)Ability to explain of Risk Communication Tools and Knowledge (4)Ability to explain of International Activities for Urban DRR and Education for Leaders (5)Ability to make DRR strategy for urban earthquake is to be studied and built at each organizations to implement urban earthquake DRR	【Target Organizations】 Organizations which conduct Mega-earthquake disaster risk reduction (DRR) (government, research & technological institution, medical institution etc.) 【Target Group】 (1)Bachelor degree More than 2 years' experience in disaster prevention (2)Medical practitioner, engineer, scientist and administrative officer in disaster prevention

Contents		
【Preliminary Phase】Preparation for country report 【Core Phase】 (1)The lectures of "Earthquake (EQ) Mechanism", "Seismic Ground Motion & Hazard Map", "Building Codes", "Lifeline Damage Assessment" (2)Technical visits to relevant institutions and lectures (3)Learning on the risk assessment tools & knowledge prior to the occurrence of EQ (4)The lectures of "Recovery of Kobe & Community","Disasters Medical Response & Public Health", "Environmental Impacts", "Economic Impacts of the quake" (5)Visits to relevant institutions (6)Learning on the risk management tools & knowledge during and after the quake (7)The lectures of "IT for Emergency Management", "Disaster Information Sharing","Education for DRR" (8)Technical visits to relevant institutions and lectures (9)Learning on the risk communication tools and knowledge that are needed prior to and after the occurrence of urban earthquake (10)The lectures of "Int. Collaborations for DRR", "International Organization on DRR and Educational System" (11)Learning on how to achieve and obtain an international recognition as an urban DRR specialist to support their own DRR activities at home country (12)Study on DRR strategy for urban EQ, which is based on a pro-active approach of DRR utilizing various tools and knowledge in risk assessment, risk management,and risk communication 【Finalization Phase】 Build similar DRR strategy at each organization to implement urban EQ DRR	Program Period	2012 / 9 / 24 ～ 2012 / 11 / 16
	Implementing Partner	Kobe Univ.(Research Center for Urban Safety and Security)
	JICA Center	JICA Kansai (Ⅱ)
	Cooperation Period	2012～2014
	Remarks and Website	

Tsunami Disaster Mitigation
津波防災

Region-Focused Leaders 1284165 Updated

7 participants

Target Countries : Countries along the Pacific or Indian Ocean

Sector : Water Resources/Disaster Management/Earthquake Disaster

Sub-Sector : Others/Others

Language : English

Appeal

The 2004 Sumatra, 2011 Great Tohoku, and other subduction earthquakes caused serious tsunami damage. To mitigate tsunami damage, this course nurtures human resources highly capable of understanding advanced earthquake and tsunami technology and new countermeasures based on the lessons from the 2011 Great Tohoku earthquake, and capable of making plans to improve tsunami countermeasures in their countries.

Objective/Output

【Objective】
Drafts for improvement of Tsunami Early Warning System, Tsunami Hazard Assessment and other Tsunami countermeasures are prepared in the target country.

【Outputs】
(1)To acquire basic concepts and theory of the generation, propagation and inundation of tsunamis caused by earthquakes as a basic knowledge required for tsunami disaster mitigation.

(2)To acquire basic concepts and theory of Tsunami Early Warning System, Tsunami Hazard Assessment/Maps, Tsunami Disaster Mitigation Policy, and Tsunami Disaster Mitigation Countermeasures.

(3)To understand new countermeasures for earthquakes and tsunamis based on lessons from the Great East Japan Earthquake disaster and reconstruction processes.

(4)To make plans for improving Tsunami Early Warning System, Tsunami Hazard Assessment, or other Tsunami countermeasures and compile them into Master Thesis/ Action Plan.

Target Organization / Group

[Target Organization]
governmental or other research organizations and universities concerning to the public interest in the field of tsunami or tsunami disaster mitigation.

Technical officials, researchers

[Qualification]
university graduates in the field of Tsunami or Tsunami disaster mitigation or in other science and technology fields Working experience:more than 3 years
English proficiency: TOEFL PBT 550.

Contents

[Preliminary Phase]
To draft an Inception Report on Tsunami Disaster Management in participant's country and organize the idea on issues related to Tsunami Disaster Management preliminarily

[Phase in Japan]
Output(1)
Lectures, practical studies and field trips regarding tsunami generation by earthquake, tsunami propagation and its run-up procedure.

Output(2)
Lectures, practical studies and field trips regarding technologies on Tsunami Early Warning System, Tsunami Hazard Assessment and countermeasures and policy-making on tsunami disaster.

Output(3)
Lectures and field trips regarding the Great East Japan earthquake disaster

Output(4)
Compilation of Master Report through analyses by individual study and discussion.

Program Period	2012/10/ 1 ～ 2013/ 9/18
Implementing Partner	IISEE, Building Research Institute (BRI), National Graduate Institute for Policy Studies (GRIPS)
JICA Center	JICA Tsukuba (Training&Partnership)
Cooperation Period	2012～2014
Remarks and Website	IISEE http://iisee.kenken.go.jp/ GRIPS http://www.grips.ac.jp/index.html

Global Seismological Observation
グローバル地震観測

Group 1280887
Continuing participants

Target Countries :

Sector :Water Resources/Disaster Management/Earthquake Disaster

Sub-Sector :

Language :English

Appeal

This program is designed to introduce up-to-date technologies and knowledge in the field of seismological observation and its application for nuclear test monitoring technology, and the participants are expected to play important roles in a global monitoring network for nuclear tests.

Objective/Output	Target Organization / Group
【Objective】 To acquire knowledge and advanced techniques of global seismological observation for playing important roles in the monitoring system of nuclear tests under the CTBT. 【Outputs】 1. To acquire knowledge of the CTBT regime and the role of seismology in the International Monitoring System (IMS). 2. To understand global seismological observation technologies for monitoring nuclear tests and earthquakes. 3. To acquire data analytical techniques to discriminate nuclear tests from natural earthquakes. 4. To Make an Action Plan (Project Proposal) which they should do in their country after a homecoming.	【Target Organization】 This program is designed for a governmental organization which is expected to play important roles in a global monitoring network on nuclear tests. 【Target Group】 1. Target Person: Administrative officers who are expected to play important roles in a global monitoring network on nuclear tests. 2. Experience in the relevant field: more than 3 years' experience 3. Others: be well versed in basic mathematics such as differentiation and integration.

Contents		
【Preliminary Phase】 To make an Inception Report on the current situation of the global seismological observation in their country. 【Core Phase in Japan】 To understand the overall view of the global seismological observation through lectures, practical exercises and site visits. (1)Outline of CTBT & IMS ・ Introduction of CTBT Regime concerning seismology, etc. (2)Seismological Observation, National Data Center ・ Seismometer, Seismic Network, Design of Seismic Network, National Data Center (3)Data Processing, Data Analysis, Nuclear test identifying method ・ Retrieval of Digital Seismic Data and Disposal of Format, Introduction to UNIX, Analysis of Teleseismic waves, Seismic Array Data Analysis, Discrimination by mb-Ms, Seismicity and Tectonics, etc. (4)Formulation and Discussion on Action Plan. ・ Making an Action Plan, and Presentation of Action Plan	Program Period	2013 / 1/14 ～ 2013 / 3/14
	Implementing Partner	IISEE (Building Research Institute)
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2009～2012
	Remarks and Website	IISEE Web Site：http://iisee.kenken.go.jp/

Reinforcement of Meteorological Services
気象業務能力向上

Group 1280780
Trainers Continuing
8 participants

Target Countries : Member States of WMO (World Meteorological Organization)

Sector :Water Resources/Disaster Management/Meteorology

Sub-Sector :

Language :English

Appeal

This is a unique course that provides comprehensive knowledge and techniques on meteorology and climatology. Most of the lectures are provided by staff members of the Japan Meteorological Agency, one of the most advanced meteorological services. In this training course, participants also visit various kinds of fields which utilize weather information. At the end of the course, every participant is requested to formulate an action plan to improve the meteorological service in his/her country.

Objective/Output	Target Organization / Group
<Course Objective> This course aims at promoting activities to reinforce the meteorological services of each country applying meteorological data/products such as numerical weather and climate prediction and satellite images for disaster risk reduction and climate change adaptation. <Objective for each unit> To be able to explain the fundamental technique such as numerical weather prediction (NWP), satellite meteorology. To be able to make up meteorological information which meets users' requirements based on fundamental techniques such as NWP and satellite meteorology. (Weather Forecasting Course) To be able to brief general condition of climate and global environment and make up climate prediction applying climatological and global environmental information. (Climatology Course) To draw up a master plan to improve the meteorological services of the participants' organizations, and to be used in participants' countries.	<Target Organization>National Meteorological and Hydrological Services <Expected Job Title>Be meteorological officials classified as "Meteorologist" according to the World Meteorological Organization (WMO) personnel categories, <Expected Job Experience>Be presently engaged in meteorological services for their governments or government-related public organizations, <Other Qualifications>Be familiar with and have experiences of using basic PC software Not be serving in the military

Contents		
Enabling explanation of fundamental techniques such as numerical weather prediction (NWP) and satellite meteorology. - Lectures on the basics of numerical weather prediction and its application, Lectures outlining satellite meteorology and the application of satellite data. [Optional Course: Weather Forecasting] Enabling the production of meteorological information that meets user requirements based on fundamental techniques such as NWP and satellite meteorology. - Exercises in satellite data application, Exercises in operational forecasting, Lectures on the knowledge and skills needed to produce meteorological information that meets user requirements. [Optional Course: Climatology] Enabling briefing on climate conditions and production of climate information using climatological and global environmental data and products. - Lectures on climatological and global environmental information, Exercises in the application of climatological and global environmental information. Drawing up draft master plans to improve the meteorological services of participants' own organizations for use in their home countries. - Creation of final reports (including master plans), Presentation of final reports and discussion.	Program Period	2012 / 9 / 11 ～ 2012 / 12 / 15
	Implementing Partner	Japan Meteorological Agency
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	Japan Meteorological Agency http://www.jma.go.jp/jma/index.html

Satellite Remote Sensing Data Analysis Technology for Disaster/Environmental Monitoring
災害･環境監視のための衛星リモートセンシングデータ解析技術

Group 1280068
Trainers Continuing
10 participants

Target Countries : Hoping for improving SAR data analysis

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language :English

Appeal

Remote-sensing data show actual land surface for disaster/environmental measurements. The synthetic aperture radar(SAR) can work for the damage analysis and the recovery planning during bad weather. This program deals with SAR data analysis technology with geographic information system for various measurements. Through this program trainees are expected to master the technology and to provide useful information to their related agencies.

Objective/Output	Target Organization / Group
<Course Objective> This program enables engineers and researchers to analyze SAR and other remote sensing data as a tool leading to solutions for disaster/environmental problems in their respective countries and also enables them to make concrete proposal to use and disseminate this technology in their own and related organizations. <Objective for each unit> 1: to be able to explain the principle and analysis method of SAR and other data 2: to be able to carry out basic and advanced processing of SAR data 3：to be able to apply SAR and other data to disaster/environmental monitoring and integrate the data into map information 4：to be able to make case study analysis and report the results by using SAR and other data, and make proposal to use and disseminate the technologies in their own and related organizations	<Target Organization> Organizations responsible for remote sensing data analysis related to disaster/environmental monitoring <Expected Job Title> be engineers or researchers in the field of remote sensing related to disaster/environmental management, be likely promoted to managers <Expected Job Experience> People who have more than 3 years' experience in optical data/image analysis, but have little experience in SAR data/image analysis

Contents		
【At home】Report making of the situation of remote sensing their own country. 【In Japan】 Introduction to remote sensing, ALOS system and product, case study for disaster/ environmental monitoring, online data search, principle of SAR, SAR data correction, Principle of interferometric SAR (InSAR), principle of polarimetric SAR (PolSAR), analysis of PALSAR level 1.5 dataAnalysis of PALSAR level 1.0 data, Interferometric SAR analysis, polarimetric SAR Analysis, applied analysis of optical data for disaster monitoring and environment monitoring, integrated use of the analysis results and map information (including ground truth),applied analysis of SAR data for disaster monitoring and environment monitoring, Integrated use of the analysis results and map information, case study analysis(analysis using the data of each participant's country)and report, making proposal to use and disseminate acquired technology in their own and related organizations, output presentation 【At home】 Share the result of case study and a proposal to use and to disseminate in organizations.	Program Period	2012 / 8/ 1 ～ 2012 / 9/8
	Implementing Partner	Remote Sensing Technology Center of Japan
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	

Raising Awareness of Disaster Reduction
防災意識の啓発

Group Leaders 1280119 Updated

18 participants

Target Countries :

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Language :English/Vietnamese

Appeal

The people in each country acquire the necessary knowledge and techniques during disasters, and the damaged caused by natural disasters will be reduced, through the application of the activities of raising awareness of disaster in Japan. (E.g. community-based disaster risk management, disaster prevention education, transmission of the experience of disaster to next generation.)

Objective/Output	Target Organization / Group
【Objective】 The participants are expected to make and implement action plan for raising awareness for the citizen of each country to acquire necessary knowledge and emergency response activities during the disaster. 【Objective for each unit】 To understand the significance and activities of raising awareness on disaster in school education. To understand the significance and activities of raising awareness on disaster at community level. To understand the significance and function of the institutions to contribute the raising awareness on disaster for the people To understand the significance and activities of raising awareness on disaster through mass media To make Action Plan for the people in each country of the participants to acquire the necessary knowledge and techniques during disaster.	Department in charge of the provision of disaster information, disaster prevention education and raising awareness on disaster prevention to citizen in central or local government Person in charge of raising awareness of disaster prevention to citizen or dissemination of disaster information or public relations in central or local government Those who has more than 2 years' experience in the relevant field. Those who has a competent command of spoken and written English.

Contents

Participants will learn the strategy and activities on disaster prevention education through the program in high schools or universities for future leaders on promoting disaster prevention, as well as the disaster prevention education in elementary and junior high schools,

Participants will learn the examples of raising awareness to the residents in peculiar area, especially tips for receiving attention of ordinary people, and promoting disaster promotion through the activities which has no relation with disaster prevention.

Some examples that buildings or organizations related with disaster contribute the raising awareness and the role which the will be introduced.

The participants are expected to understand the examples on raising awareness on disaster prevention through mass media through introducing the examples that mass media treats information on disaster and preparedness(NHK, AM/FM radio, community radio, meeting with mass media).

The participants are expected to make their concrete action plan for promoting rising awareness on disaster prevention through the training program of the above-mentioned modules 1 to 4.

Program Period	2013 / 1/ 7 ～ 2013 / 2/9
Implementing Partner	Under Planning
JICA Center	JICA Kansai (II)
Cooperation Period	2012～2014
Remarks and Website	

Disaster Mitigation and Restoration for Public Works (River, Road and Port)
インフラ施設(河川・道路・港湾)の自然災害に対する抑止・軽減対策及び復旧対策

Group 1280221
Trainers Continuing
17 participants

Target Countries :

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :Urban/Regional Development/Other Urban and Regional Development Issues

Language :English

Appeal

Japan has experienced various disasters, has taken various measures to protect infrastructures from those disasters. Especially in Kinki Region various data have been stored and various measures have been taken from Hanshin Earthquake in 1995. In this program participants will observe various measures to protect infrastructures such as road, river and port from kinds of disasters.

Objective/Output

< Course Objective > Participants acquire knowledge on applicable techniques for more practical, efficient and effective disaster mitigation, preparedness and restoration, and make dissemination plan for their organization in charge of relevant fields.
Following are objectives for each unit.
【1 Disasters and their characters】To analyze the nature of disaster in home country and to understand the similarities and differences with Japan.
【2 Disaster Prevention Systems and Restoration Systems】 To understand consider application, the introduction and improvement of disaster prevention systems and restoration system.
【3 Disaster Mitigation and Restoration】 To understand new confidence and capabilities for the application of special engineering methods for practical disaster prevention, mitigation and restoration.
【4 Balance of utility and disaster】 To understand the relation and the balance between utility and disaster or between life-cycle cost and disaster in infrastructure development projects.
【5 Dissemination Plan】 Plan to disseminate applicable techniques to the other engineers will be developed.
【6 Activity after the fact】 To completely disseminate and share the applicable technologies (knowledge) to their own countries learned in this training course to their office.

Target Organization / Group

<Target Organization>Governmental organizations in charge of disaster prevention and recovery for public works (Road, River and Port)

<Expected Job Title>be officials of central or local government who hold or will assume positions in charge of restoration works in the event of a major disaster

<Expected Job Experience>More than five years in the related field

<Other Qualifications> Educational Background: Be university graduates or have equivalent educational qualifications in infrastructure management, i.e. civil engineering
<Age>30-45 years old

Contents

【 Preliminary Phase in Home Country 】
Making an inception report which describe the issues and problems about disaster mitigation and restoration for public works in participant's organization and country.

【 Core Phase in Japan 】
【Objective 1】(1)Natural Disasters in Japan(2)Natural Disasters and its analysis in Each Country
【Objective 2】(1)Observation techniques (2)Disaster prevention policy (3)Disaster mitigation and restoration systems (4)Warning system / Hazard mapping
【Objective 3】(1)River improvement(River, Dam) (2)Sabo works(Sabo, Landslide) (3)Road works(Road,Bridge) (4)Sea coast, Port (5)Quake-resistance
【Objective 4】(1)Regional disaster mitigation plan (2)Restoration plan for disaster prevention (3)Asset management
【Objective 5】(1)Issue analysis workshop for planning (2)Formulation of dissemination plan (3)Presentation of dissemination plan

【 Finalization Phase in Home Country 】
【Objective 6】(1) Holding seminars for dissemination in their office after finishing this training course (2) Submitting the report on their dissemination activities six months after finishing this training course to JICA

Program Period	2012 / 6 / 4 ～ 2012 / 8 / 4
Implementing Partner	Kinki Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism etc.
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Web-site of Kinki Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism <http://www.kkr.mlit.go.jp/en/index.html>

Rescue Techniques
救急救助技術

Group 1280342
Trainers Continuing
10 participants

Target Countries :

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :Water Resources/Disaster Management/Other Water Resources/Disaster Management Issues

Language :English

Appeal

To help leaders of fire-fighting and first rescue organizations improve emergency rescue techniques and draw up a dissemination plan of the technique in their home countries.

Objective/Output	Target Organization / Group
Participants are expected to: - obtain knowledge necessary for the leader of fire-fighting, first rescue and aid mission, as well as to acquire the basic knowledge/techniques to rescue disaster victims from life-threatening circumstances. - learn the fundamental knowledge and skills to rescue victims facing dangerous situation caused by disaster and/or accidents such as earthquakes and fires and, therefore, unable to evacuate themselves on their own. - learn basic knowledge and techniques of emergency rescue measures including artificial respiration, cardiopulmonary resuscitation, blood stanching method and immobilization techniques. - acquire knowledge necessary for the leader of first rescue activity. - gain necessary knowledge and technique so that the participants could formulate a draft dissemination plan of human resource development in theirs workplaces by making active use of the knowledge and technique they learned.	-Those who are rescue leaders and will be able to widely spread knowledge and skills obtained in the course in their own countries, -Those who have experiences in the relevant fields, with at least three year of experience in rescue operation and are currently engaged in the operation. -Those under 35 year old who have already learnt and mastered many skills such as 50 meters swimming, 5 minutes water -treading, escalading and ladder-approaching to buildings.

Contents		
・Training (basic actions, using rescue instruments (ladder and ladder truck),water rescue, climbing techniques, descending techniques, mountain rescue, collapsed building, entry and rescue and others.) ・Lectures and practical trainings for emergency aids ・Joint training with International Rescue Team of Japan , safe management trainings and entry rescue trainings etc. ・Lectures on rescue command techniques ・Visits to local fire service departments ・Lectures on countermeasures to special disasters caused by hazardous materials and visit to these related facilities/infrastructure. ・Visits to manufacturer of disaster measures equipments/apparatus and related facilities.	Program Period	2012 / 7/25 ～ 2012 /10/7
	Implementing Partner	Osaka Municipal Fire Department
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	The program period will be slightly changed.

Adaptive Watershed Management to Climate Changes: Flood Control and Ecosystem Conservation
気候変動に対する順応的流域管理(適応策)「洪水対策と生態系保全」

Group 1280765
Solution Updated

Target Countries :

10 participants

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :Nature Conservation/Conservation of Biodiversity

Language :English

Appeal

Conventional flood countermeasures (dams and levees) are hardly responded in developing countries to unexpected level of heavy rain and drought caused by climate change on global scale. Meantime, disaster-prevention measures to keep the balance between ecosystem conservation and flood control are required. Therefore adaptive watershed management is needed to both reduce disaster and conserve ecosystem.

Objective/Output

[Objective]Adaptive watershed management draft plan for countermeasures of climate change will be formulated among mid-level working and senior administrative officers who belong to the implementing organizations concerning both flood control and ecosystem conservation for watershed management.
The objective will be achieved by whole program duration.

[Expected Module Outputs]
<The first and second year>
(1)To be able to deepen the understanding of climate change on global scale, its effects, and necessity of adaptive watershed management,
(2)To be able to explain analysis method on current flood risks and the conditions/patterns of ecosystem destruction in the watersheds of their respective drainage basin,
(3)To be able to formulate specifically adaptive watershed management plan in their respective areas for mitigating to risk of flood and reducing impact of ecosystem.

<The third year>
(4)To be able to submit Final draft Action Plan based on the specific plan of adaptive watershed management in their respective areas.

Target Organization / Group

[Target Organization]
Central/local government or public organization related to flood control or ecosystem conservation in watershed areas
*The same organization for three years continuously since the program objective is achieved through an accumulation of each year's achievement over three years

[Target Group]
1st and 2nd year: Mid-level working officers,
3rd year:Senior administrative officers directly involved in planning of watershed management.
*Have more than five years of experience in the field

Contents

[Preliminary phase in home country] Submission of Inception Report: Situation on risk of flood and degradation of ecosystem in their areas
[Core phase in Japan]Lectures, practices, field visits and discussions which cover below are provided.
＜the first and second year＞
(1)Global environmental change, adaptive approach on disaster management under changing climate, international effort to prevent global warming, sea level rise and shore erosion by climate change,
(2)Dams and watershed control, fundamentals of landscape ecology, river management plan and monitoring, flood control by retention pool and by diversion channel, flood control and biodiversity conservation, control with environmental protection, basic knowledge of GIS and watershed analysis by remote sensing, River management plan designed by GIS application,
(3)Issue analysis, capacity development on water resource, formulation of draft Action Plan
＜the third year＞
(4)Formulation of Final draft Action Plan after discussion of issues on their target areas in the first and the second year.
[Finalization phase in home country] Submission of Final Report which is shared and improved by their organizations within six months of returning home. After submission of their final reports, JICA Obihiro shares them with concerned people and discusses on Follow-up cooperation as necessary.

Program Period	2012 / 6/11 ～ 2012 / 8/11
Implementing Partner	Hokkaido University, Hokkaido Development Bureau, Rakuno-gakuen University
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2012～2014
Remarks and Website	Duration of the Second Program:2012/9/17～2012/10/31

Fire Fighting Techniques
消火技術

Group 1280814
Trainers Continuing
8 participants

Target Countries :

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language :English

Appeal

With more than 20 years' experience, Kitakyushu Fire Department gives participants Japan's top-level fire fighting training. To establish participants' country's system after they return home, participants are able to analyze and make a plan for the problems their home countries are facing. Two-day OJT is planned to give participants a chance to experience fire drills and real fire scenes with Japanese fire units. Training facilities are well-equipped, and participants can experience various types of fire.

Objective/Output	Target Organization / Group
<Course Objective> 1) To be able to practice fire and rescues technique by utilizing the equipment appropriately and using various fire extinguishing methods. 2) To be able to command a unit by using the above-mentioned techniques and knowledge. 3) To be able to plan dissemination activities after returning home. <Objective for each unit> -To acquire the knowledge and the techniques on fire fighting, rescue work, and safe control for various fire sites in Japan such as buildings, dangerous substances, forests, vehicles, ships, and aircraft. -To acquire the knowledge and the techniques on operation of various firefighting equipment in Japan. -To understand and practice the knowledge and techniques of emergency rescue. -To be able to plan activities of disseminating knowledge, techniques, and systems regarding firefighting techniques after they return to their respective countries	<Target Organization>Fire Service Organization (Central Government, Local Government or Private Sector) <Expected Job Title>be or will be a commander of firefighting or an instructor of fire education institutions. <Expected Job Experience>be engaged in fire service and has more than 5 years of experience. <Other Qualifications>be university graduates or have the equivalent occupational experiences. Be under 40 years of age in principle. Be proficient in spoken and written English. Be in good health, both mentally and physically, to complete the course. Not be pregnant. Not be serving in the military.

Contents		
<Preliminary Phase> Formulation of report to present current situation in the participant's country <Core Phase in Japan> ・Fire suppression drills ・Fire investigation(lecture and practice) ・Safety control (lecture and practice) ・Command theory (lecture) Handling fire trucks and firefighting equipment (lecture and practice) Rescue and emergency measures in various fire sites (lecture and practice) Work-shop for the effective implementation of the action plan including invitation of outside lecturers.(lecture and practice) <Finalization Phase> Implementation of the formulated plan, and report progress in the form of final report	Program Period	2012 / 7 / 25 ～ 2012 / 10 / 19
	Implementing Partner	Fire Department ,Kita-Kyushu City
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	

Fire Prevention Techniques
火災予防技術

Group 1280933
Trainers Continuing
3 participants

Target Countries :

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language :English

Appeal

To help developing countries prevent and reduce the outbreak of fire related disasters by training and transferring the fire prevention techniques.

Objective/Output	Target Organization / Group
【Objectives】 The knowledge and the techniques of fire prevention will be shared within participant's organization and other relevant institutions. 【Outputs】 1. To identify the problems and challenges on the fire prevention activities and policies in the respective sections or organizations belong to, based on the newly acquired knowledge and experiences through training. 2. To make an Action Plan that suggests the formation of more practical fire prevention system, and improvement of the fire prevention measures, duties and services in the participants' organizations. 3. To implement the Action Plan in their home countries after they return to the respective countries.	【Target Organization】 The fire department/brigade or the fire and disaster management sector. 【Target Group】 (1) Be an administrative officer or a candidate of a fire service implementation agency, who is or will be engaged in planning/ drafting Fire Prevention System and Fire Service Systems. (2) Be proficient in spoken and written English. (3) Be under forty (40) years of age in principle.

Contents		
【Core Phase in Japan】 (1) Lectures and practical training about the outline of fire service system (central/local), legislation and practical measures (2) Visits/study tours to the relevant facilities, local fire stations (3) Practical training/ presentations and discussion about fire prevention techniques (4) Formulating and presenting Action Plan which features feasible plan to their organizations and their countries. 【Finalization Phase in a participant's home country】 (1) Application and implementation of Action Plan in respective home countries (2) Submission of the Final Report explaining what the participants have done to make their Action Plan come true as well as what goals/constraints they still have (in three months after returning to their home countries).	Program Period	2012 / 8/19 ～ 2012 / 9/15
	Implementing Partner	- Fire and Disaster Management Agency, Ministry of Internal Affairs and Communications - Tokyo Fire Department
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	- Fire and Disaster Management Agency, Ministry of Internal Affairs and Communications http://www.fdma.go.jp/en/ - Tokyo Fire Department http://www.tfd.metro.tokyo.jp/eng/index.html

Comprehensive Disaster Risk Management
総合防災行政

Group 1280999
Solution Continuing
17 participants

Target Countries :

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language :English

Appeal

Officers of central or local Government will obtain the knowledge and experience on disaster reduction in Japan, and develop their capacity on disaster management

Objective/Output	Target Organization / Group
【Objectives】 Participants are requested to contribute to the institutional capacity development on disaster management through elaborating and implementing action plan in terms of disaster prevention and mitigation 【Outputs】 1. To understand roles of national and local governments in disaster management in Japan and examine how to adopt acquired knowledge in each country 2. To understand the role of private sectors such as NGOs and mass-media in disaster management and examine how to adopt acquired knowledge in each country. 3. To understand Japanese approaches to different disasters and examine how to adopt acquired knowledge in each country. 4. To formulate action plans for the challenging the problems in each country.	【Target Organization】 Ministry in charge of disaster risk management and local government 【Target Group】 <Position> Officers in charge of disaster risk management <Experience> More than 2 years in the relevant field

Contents

【Preliminary Phase】
Preparation of Job Report

【Core Phase】
－Disaster risk management in Japan
－Overview of Great Hanshin Awaji Earthquake and recovery
－Disaster prevention education
－Activities for raising awareness of disaster prevention
－Community based disaster risk management
－Collaboration between disaster and development/tourism in recovery pass
－Role of mass media in disasters
－Function of community radio
－Preparation of Action Plan

【Finalization Phase】
－Implementation of Action Plan

Program Period	2013 / 1/ 7 ～ 2013 / 2 / 23
Implementing Partner	Asian Disaster Reduction Center
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	

Capacity Development of Policy Making in Climate Change Adaptation (CCA) in Water Sector
気候変動適応策水分野における政策策定能力向上

Region-Focused Int.Dialogue | 1284022 Continuing

Target Countries : Country severely affected by climate change | 8 participants

Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language : English

Appeal

Policy makers at secretary and director general levels of disaster management and water management will strengthen their policy making capacity of Climate Change Adaptation(CCA).

Objective/Output	Target Organization / Group
【Objectives】 Policy makers at secretary and director general levels of disaster management and water management will strengthen their policy making capacity of Climate Change Adaptation(CCA). 【Output】 (1) To share most advanced knowledge in climate change among overseas participating countries and Japan (2) To have new idea through exchange of opinion about climate change among overseas participants and Japanese central governmental officers	【Target Organizations】ministry in charge of water resource or disaster risk management 【Target Group】 High rank officer of the above-mentioned ministry (undersecretary, director)

Contents

- Concept of policy making
- Current situation on the CCA
- Collaboration with local government and its example
- Raising citizen's awareness on CCA
- Development of the estimation model for climate change
- Exchange of opinions with the officers in charge of CCA who work for the central governments and JICA

Program Period	2012/11/ 4 ～ 2012/11/11
Implementing Partner	International Development Institute
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	Course A 4.Nov-11.Nov (Japan) 12.Nov-16.Nov (Thailand) Course B 13.May-25.May

Comprehensive Disaster Management for Central Asia and Caucasus
中央アジア･コーカサス地域総合防災行政

Region-Focused Leaders | 1284047 Continuing

Target Countries : Kazakhstan, Uzbekistan, Armenia, Tajikistan, Kyrgyzstan

9 participants

Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language :Russian

Appeal

This program is designed for governmental officials to develop the DRM capacity as well as to deepen the Network DRM organization in the Region

Objective/Output	Target Organization / Group
【Objectives】 Action Plan to improve the DRM capacity in Participant's organization in accordance with the 5 priority actions in Hyogo Framework of Action 2005-2012(HFA) is prepared by the participant. 【Output】 1 To understand the Priority Action 1 of HFA,and are able to arrange to "Make Disaster Risk Reduction a Priority" 2 To understand the Priority Action 2 of HFA,and are able to propose a concrete plan for "Know the Risks and Take Action" 3 To understand the Priority Action 3 of HFA,and are able to propose a concrete plan for "Build Understanding and Awareness" 4 To understand the Priority Action 4 and 5 of HFA,and are able to propose a concrete plan for "Reduce Risks" and "Be prepared and Ready to Act" 5 Participants plan Action Plan in accordance with the HFA for improving DRM capacity in their organization. At the same time,regional Network of DRM organization is deepened.	【Target Organization】 Ministry in charge of disaster risk management or local government 【Target Group】 ＜Position＞ General or technical officer in charge of disaster risk management in central or local government ＜Experience＞ More than 2 years' experience in the relevant field

Contents		
【Preliminary Phase】 Preparation of Job Report 【Core Phase】 Creating effective, multi-sectoral national platforms for DRM Integrating DRM into development policies and planning Ensuring community participation Evolution of risks in DRM in National and Regional level Early Warning system Institution for observation and forecasting of Disaster Risk Re-strengthening of DRM capacity in Region, Nation and communities Promotion of DRM Education DRM program in Communities 【Finalization Phase】 Implementation of Action Plan	Program Period	2012 / 6 / 25 ～ 2012 / 8 / 4
	Implementing Partner	Asian Disaster Reduction Center
	JICA Center	JICA Kansai (Ⅱ)
	Cooperation Period	2010～2012
	Remarks and Website	

Volunteer Management for Disaster Resilient Communities in Asian Countries
災害に強いコミュニティ作りに向けたボランティア・マネージメント

Region-Focused | 1284097
Trainers | Continuing
6 participants

Target Countries : Philippines, Thailand, VietNam, Myanmar

Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language : English

Appeal

This course is designed to develop Human Capital in Volunteer management for Disaster Resilient Communities (DRCs) in Asian Countries.

Objective/Output

【Objectives】
This course aims to build/strengthen the capability for organizing and managing volunteers in community level towards "Disaster Resilient Communities".

【Output】
(1)Participants share approaches to establish the "Disaster Resilient Communities" in Japan, as well as in the participants' countries.
(2)Participants understand the role of Government and NGO/NPO in DRM in disaster management at community level in Japan.
(3)Participants understand and practice the skills and methods for organizing and managing volunteers at community level.
(4)Participants prepare Action Plans to fulfill "Disaster Resilient Communities" in their involved communities.
(5)Action Plans prepared by the participants are reviewed and approved in their respective organizations in order to achieve "Disaster Resilient Communities".

Target Organization / Group

【Target Organization】
NGO/NPO, local government, and ministries which organizes and promotes community based disaster risk management

【Target Group】
<Position>
Staffs of NGO/ NPO, or Local/Central government officers who are promoting community based disaster risk management.

<Experience>
Experience in the relevant field, should have more than 3 years' experience. (You can count similar duties or activities.)

Contents

【Preliminary Phase】
Preparation of Job Report

【Core Phase】
(1)Sharing the efforts and issues in realizing Disaster Resilient Communities in participating countries/history, present situation and current issues on disaster management in Japan/ Case studies in Kobe city, and Hyogo prefecture
(2)Government support for community level disaster management in Kobe city, Hyogo prefecture/Group Exercises in DRM-Welfare Communities in Kobe
(3)"Participatory Group Dynamism" Training by Participatory Development Institute/Establishment and management of Volunteer Center/Shelter
(4)Preparation and sharing the Action Plan
(5)Sharing the prepared "Action Plan" with concerned organization(s)/communities/ Reporting the progress on revision and realization of Action Plan to JICA Hyogo

【Finalization Phase】
・Reporting the progress on revision and realization of Action Plan to JICA Hyogo

Program Period	2013 / 3/18 ～ 2013 / 4/26
Implementing Partner	Kobe Empowerment Center, Institute of Participatory Development
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	

Control de Desastres
中米防災対策

Region-Focused Solution | 1284133 Continuing

Target Countries : 6 Countries in Central America

13 participants

Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Language : Spanish

Appeal

This program is designed for governmental organization to develop the capacity of disaster risk management for the reduction of damage from natural disasters. Especially, the participants are requested to acquire the knowledge on the concrete countermeasure of evacuation of residents in the case of disaster, focusing on the transmission of the information on disasters

Objective/Output	Target Organization / Group
【Objectives】 Ministry or central governmental organization in charge of promoting disaster prevention or mitigation and/or local government enhance the capacity of disaster management through implementing the activities on disaster prevention or mitigation in a certain municipality. 【Outputs】 -To be able to explain the function and the methodology of the collaboration of administrative bodies through understanding the history of natural disasters and their damage in Japan -To understand the collaboration among administrative bodies, citizen, community, mass media and research institutes about the information management on natural disaster -To understand the concrete methodology for the dissemination on raising awareness of disaster prevention and information management, considering disaster risk reduction in communities -To understand the methodology for project management in each country -To make action plan	【Target Organization】 Central government in charge of Disaster Risk Management or Local Government 【Target Group】 (1) Current Duties: Officials in charge of Disaster Risk Management in Central or Local Government (2) Experience in the relevant field: have experiences for more than 2 years (3) Others: The person who will be in touch with JICA BOSAI project in the future is preferable.

Contents		
【Preliminary Phase】 Preparation of Country Report Exchange of opinion with ex-participants 【Core Phase】 - Overview of Great Hanshin-Awaji Earthquake and recovery - Early warning system for natural disasters in Japan - Function of mass media in disasters - Risk communication - Examples of community-based disaster management in Japan - Methodology about raising awareness of disaster prevention for residents, - Preparation of Action Plan 【Finalization Phase】 Implementation of Action Plan after discussing the action plan with the relevant persons like JICA officers in overseas offices and BOSAI Project	Program Period	2012/11/ 5 ～ 2012/12/10
	Implementing Partner	Disaster Reduction and Human Renovation Institution
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	

Pre-Recovery Planning from Natural Disasters
自然災害からの事前復興計画

Region-Focused Solution | 1284219 Continuing

15 participants

Target Countries : Disaster-prone countries

Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language : English

Appeal

The participants will formulate action plans for recovery from disasters in their countries.

Objective/Output	Target Organization / Group
【Objectives】Specific action plans for making preliminarily recovery program in each country with an eye to “social capital” are created. After the training ,the action plan should be shared in the department in charge of disaster recovery. 【Outputs】 (1) The participants will understand the outline of the Great Hanshin-Awaji Earthquake and emergency response to it. (2) The participants will understand the PDCA (Plan, Do, Check, and Act for improvement) Cycle in efforts for recovery. (3) The participants will understand the importance of the concept of “social capital” from the experience of role sharing among residents, business operators, and administrative bodies in the efforts to solve problems caused by the Great Hanshin-Awaji Earthquake. (4) The participants will understand new viewpoints (efforts of individuals and communities, infrastructure development, and crisis-control structure) to develop safe towns based on the lessons from the Great Hanshin-Awaji Earthquake. (5) Action plans for the respective countries will be created.	1) Current duties: be or will be officials who are highly motivated and in a position that enables them to become involved with the formulation of recovery plans from disasters (i.e. urban planning, housing reconstruction, economic recovery, disaster victims livelihood recovery) and to promote them in their countries, and be officials who will continue to become involved with the formulation of recovery plans from disasters and to promote in their countries after the completion of this training program. 2) Experience : have work experience of more than three (3) years in the field mentioned above. 3) Educational background: university graduate or equivalent

Contents		
【Preliminary Phase】 Preparation of Job Report 【Core Phase in Japan】 (1)Outline of the Great Hanshin-Awaji Earthquake/ Damages and emergency response in each field/ Visit on monument to the Great-Hanshin Awaji Earthquake/Study on other disaster damage cases (2)Recovery plan/ Promotion of recovery plan/ Actions taken to the issues at each period from the time of disaster emergency response to that of recovery or reconstruction and evaluations (3)Significance of social capital/ Case examples of "mutual help" by enterprises, NGOs, volunteers, and local communities/ Redevelopment projects (readjustment of town lots) and residents/ Mutual help in the participants' countries (4)Development of safe towns/ Creation of safe cities in the participants' countries (5)Session to exchange views between the Kobe City officials and the participants 【Finalization Phase】 Implementation of Action Plan	Program Period	2013 / 1/ 7 ～ 2013 / 3 /1
	Implementing Partner	Kobe International Center for Cooperation and Communication, Kobe Institute of Urban Research,
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.city.kobe.lg.jp/safety/hanshinawaji/revival/promote/index-e.html

Community-based Disaster Risk Management
コミュニティ防災

Region-Focused Leaders | 1284220 Continuing

15 participants

Target Countries : Disaster-prone countries

Sector : Water Resources/Disaster Management/Comprehensive Disaster Management

Sub-Sector :

Language : English

Appeal

The participants will understand the significance of disaster risk management for natural disasters and needs of self-help and mutual help, and acquire the concrete method for promotion of community based disaster risk management in each country through the activities of self-help organization of residents for disaster risk management in Japan.

Objective/Output

【Objectives】
The concept and method of promotion of community based disaster prevention are acquired, through understanding the importance of comprehensive management for natural disaster

【Outputs】
(1) Significance of disaster prevention
(2) Needs and mechanism of community based disaster prevention and how to take community into it
(3) How to operate and conduct drills in community based disaster prevention
(4) How to foster leaders for disaster prevention in community
(5) Establishment of a simulated organization for community based disaster prevention and formulation of an action plan

Target Organization / Group

【Target organization】
organizations which can play a leading role in promotion of community based disaster prevention and dissemination of self-help organization of residents for disaster prevention. (e.g. Disaster management planning organization/division, community development organization in central/local government)

【Target Group】
Position: Officials who can play a leading role in promotion of community based disaster prevention
Experience in the relevant field: more than 2 years' experience

Contents

【Preliminary Phase】
Preparation of Job Report

【Core Phase】
- Overview of Disaster Risk Management in the world
- Disaster Risk Management in Japan
- Great Hanshin Awaji Earthquake
- "Disaster-Safe Welfare Community", promoted by Kobe city
- Necessary equipment for the community-based disaster risk management
- Planning and implementation of community-based disaster risk management
- Disaster Prevention Education in schools and communities
- Preparation of Action Plan

【Finalization Phase】
Implementation of Action Plan

Program Period	2012/10/15 ～ 2012/11/22
Implementing Partner	Kobe City Fire Bureau, Kobe International Center for Cooperation and Communication
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	

Volcanic Disaster Prevention and Management for Central and South American Countries
中南米地域 火山防災能力強化

Region-Focused Solution | 1284264 Updated

10 participants

Target Countries : Latin American Countries

Sector : Water Resources/Disaster Management/Other Water Resources/Disaster Management Issues

Sub-Sector :

Language : Spanish

Appeal

Improve the countermeasure against volcanic disaster by creating good coordination between government and community, referring to Hokkaido's experiences.

Objective/Output	Target Organization / Group
【Objective】 The plan to improve the capacity of volcanic disaster management is officially formulated by the participant's organization based on the proposed "Action Plan" by respective participants. 【Objective for each unit】 1. To identify the issues of the volcanic disaster management in participants' country / area through understanding how to grasp volcanic disaster risk in Japan 2. To identify the issues of the volcanic disaster management in participants' country / area by understanding the disaster prevention plans and schemes in volcanic disaster vulnerable area in Japan. 3. To propose ideas for productive usage of volcanoes as resources for regional promotion by learning cases in Hokkaido 4. To propose appropriate and feasible "Action Plan" for volcanic disaster management in participants country/regions.	Central/Local government, University, Research Institutes and NGOs in charge of the group work for volcanic disaster prevention and management Senior staff in charge of volcanic disaster prevention and land use. More than five (5) years' experience in the field of volcanic disaster prevention and management

Contents		
1. Volcanology, Volcanic disaster, case study, Local government's operation for volcanic eruption and disaster (evacuation), Volcanic mudflow and sediment control in Hokkaido, Volcanic eruption and risk management in the world 2. Science of real-time monitoring, Eruption forecast and damage mitigation, Volcanic, Earthquake & tsunami disaster and Remote sensing, Cooperation among stakeholders for reducing damage, Human being and Disaster, Disaster recovery, Education program for following generation 3. Live symbiotically with volcanic mountain, Tourism around Volcanic area / UNESCO Geopark 4. Country Report Presentation, Mid-Term Discussion (see Annex II for Mid-Term Discussion), Group discussion, Proposing Action Plan	Program Period	2012 / 6 / 5 ～ 2012 / 7 / 12
	Implementing Partner	Crisis & Environment Management Policy Institute
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2012～2014
	Remarks and Website	

4.Governance

Criminal Justice Response to Corruption
汚職防止刑事司法支援

Group 1280804
Int.Dialogue Continuing

Target Countries :

26 participants

Sector :Governance/Legal and Judicial Development

Sub-Sector :

Language :English

Appeal

UNAFEI's anti-corruption program consists of presentations by participants, lectures by experts from inside and outside Japan, group discussions, and observation visits. UNAFEI has a wealth and depth of experience in providing useful training, and its programs offer a unique opportunity to share experiences, gain knowledge, create international networks, and improve countries practices.

Objective/Output	Target Organization / Group
(Program Objective) Participants will share their respective countries' experience and future directions in anti-corruption efforts, with reference to recent international trends, and establish a global network for the exchange of updated information on the practice of the respective countries. (Output 1) The current situations and issues in participants' counties concerning combating corruption in criminal justice will be identified and shared. (Output 2) Recent international trends, including Japan's experiences concerning combating corruption will be shared. (Output 3) Effective countermeasures to address issues in the respective countries concerning combating corruption will be discussed. (Output 4) Future directions for addressing issues concerning combating corruption will be shared, and a global network centered on UNAFEI will be established.	Relatively high-ranking officials who are involved in policy-making on corruption control in criminal justice or supervising officials who actually deal with corruption,including legislative administrators, investigators, public prosecutors and judges;

Contents		
(Before) Preparation of individual presentation with advice from UNAFEI faculty. (Japan) Individual presentation, and questions and answers. (Japan) Lectures by UNAFEI faculty and persons from relevant organizations, including foreign experts. (Japan) Observation visits to relevant facilities, such as prosecutors' offices, etc. (Japan) Discussion in group workshops and formulation of the joint report on the main topic. (Japan) Presentation of the joint report formulated in the group workshop.	Program Period	2012/10/ 8 ～ 2012/11/15
	Implementing Partner	UNAFEI
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2011～2013
	Remarks and Website	United Nations Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders (UNAFEI) http://www.unafei.or.jp/english/

Treatment of Offenders (Focus on Prison, Probation and Parole)
犯罪者処遇(矯正保護)

Group 1280971
Int.Dialogue Continuing
16 participants

Target Countries :

Sector :Governance/Legal and Judicial Development

Sub-Sector :

Language :English

Appeal

UNAFEI's program, with a different topic every year, consists of presentations by participants, lectures by experts from and outside Japan, group discussions, and observation visits. UNAFEI has a wealth and depth of experience in providing useful training, and its programs offer a unique opportunity to share experiences, gain knowledge, create international networks, and improve country practices.

Objective/Output	Target Organization / Group
(Program Objective)Participants will share their respective countries' experiences and future directions in the specific theme in the field of the treatment of offenders with reference to recent international trends, and will establish a global network for the exchange of updated information on the practice of the respective countries. (Output 1)The current situations and issues in participants' countries concerning the specific theme (varies year by year) on the treatment of offenders will be identified and shared. (Output 2)Recent international trends, including Japan's experiences, concerning the specific theme will be shared. (Output 3)Effective countermeasures to address issues in the respective countries concerning the specific theme will be discussed. (Output 4)Future directions for addressing issues concerning the main theme will be shared, and a global network centred on UNAFEI will be established.	Be relatively senior public officials from criminal justice organizations responsible for the treatment of offenders such as: corrections or rehabilitation services, ministries of justice or interior, police, prosecution services, courts, etc, who have at least seven (7) years' practical experience and experience related to the specific theme of the program:

Contents

(Before) Preparation of individual presentation with advice from UNAFEI faculty.
(Japan) Individual presentation, and questions and answers.
(Japan) Lectures by UNAFEI faculty and persons from relevant organizations, including foreign experts.
(Japan) Observation visits to relevant facilities, such as prisons and juvenile classification homes.
(Japan) Discussion in group workshops and formulation of the joint report on the main topic.
(Japan) Presentation of the joint report formulated in the group workshop and making a contact list.

Note:
1. The theme for the 2012 program will be "Evidence-based Treatment of Offenders".

Program Period	2012 / 5/13 ～ 2012 / 6/22
Implementing Partner	UNAFEI
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	United Nations Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders (UNAFEI) http://www.unafei.or.jp/english/

Crime Prevention (the Administration of Criminal Justice)
犯罪防止(刑事司法)

Group 1280972
Int.Dialogue Continuing
16 participants

Target Countries :

Sector :Governance/Legal and Judicial Development

Sub-Sector :

Language :English

Appeal

UNAFEI's program, with a different topic every year, consists of presentations by participants, lectures by experts from and outside Japan, group discussions, and observation visits. UNAFEI has a wealth and depth of experience in providing useful training, and its programs offer a unique opportunity to share experiences, gain knowledge, create international networks, and improve country practices.

Objective/Output	Target Organization / Group
(Program Objective)Participants will share their respective countries' experiences and future directions in the specific theme in the field of the administration of criminal justice with reference to recent international trends, and will establish a global network for the exchange of updated information on the practice of the respective countries. (Output 1) The current situations and issues in participants' countries concerning the specific theme (varies year by year) on the administration of criminal justice will be identified and shared. (Output 2) Recent international trends, including Japan's experiences, concerning the specific theme will be shared. (Output 3) Effective countermeasures to address issues in the respective countries concerning the specific theme will be discussed. (Output 4) Future directions for addressing issues concerning the main theme will be shared, and a global network centred on UNAFEI will be established.	Be relatively senior public officials from criminal justice organizations, such as: law enforcement authorities, prosecution services, courts, etc. who have at least seven (7) years' practical experience and experience related to the specific theme of the program.

Contents

(Before) Preparation of individual presentation with advice from UNAFEI faculty.
(Japan) Individual presentation, and questions and answers.
(Japan) Lectures by UNAFEI faculty and persons from relevant organizations, including foreign experts.
(Japan) Observation visits to relevant facilities, such as prosecutors' offices and courts.
(Japan) Discussion in group workshops and formulation of the joint report on the main topic.
(Japan) Presentation of the joint report formulated in the group workshop and making a contact list.

Note:
1. The theme for the 2012 program will be "Trafficking in Persons".
(The theme described above is subject to change.)

Program Period	2012 / 8/19 ～ 2012 / 9/28
Implementing Partner	UNAFEI
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	United Nations Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders (UNAFEI) http://www.unafei.or.jp/english/

Crime Prevention and Criminal Justice (Senior Seminar)
犯罪防止及び刑事司法(上級)

Group 1280973
Int.Dialogue Continuing
16 participants

Target Countries :

Sector :Governance/Legal and Judicial Development

Sub-Sector :

Language :English

Appeal

UNAFEI's program, with a different topic every year, consists of presentations by participants, lectures by experts from and outside Japan, group discussions, and observation visits. UNAFEI has a wealth and depth of experience in providing useful training, and its programs offer a unique opportunity to share experiences, gain knowledge, create international networks, and improve country practices.

Objective/Output	Target Organization / Group
(Program Objective) Participants will share their respective countries' experiences and future directions in the specific theme in the field of the administration of criminal justice or the treatment of offenders with reference to recent international trends, and will establish a global network for the exchange of updated information on the policy and practice of the respective countries. (Output 1)The current situations and issues in participants' countries concerning the specific theme (varies year by year) on the administration of criminal justice or the treatment of offenders will be identified and shared. (Output 2)Recent international trends, including Japan's experiences, concerning the specific theme will be shared. (Output 3) Effective countermeasures to address issues in the respective countries concerning the specific theme will be discussed. (Output 4) Future directions for addressing issues concerning the main theme will be shared, and a global network centred on UNAFEI will be established.	Be high-ranking senior officials or senior public officials from central bureaus, departments or agencies in the field of criminal justice or the treatment of offenders (such as: ministries of justice or interior, police, prosecution, courts, institutional and community corrections), who are with at least 10 (ten) years' experience and experience related to specific theme of the program.

Contents		
(Before) Preparation of individual presentation with advice from UNAFEI faculty. (Japan) Individual presentation, and questions and answers. (Japan) Lectures by UNAFEI faculty and persons from relevant organizations, including foreign experts. (Japan) Observation visits to relevant facilities, such as prosecutors' offices, courts, prisons, etc. (Japan) Discussion in group workshops and formulation of the joint report on the main topic. (Japan) Presentation of the joint report formulated in the group workshop and making a contact list. Note: 1. The January 2013 program will address "Treatment of Female Offenders". (The themes described above are subject to change.)	Program Period	2013 / 1/ 7 ～ 2013 / 2/8
	Implementing Partner	UNAFEI
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	United Nations Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders (UNAFEI) http://www.unafei.or.jp/english/

Criminal Justice for Central Asia
中央アジア地域刑事司法研修

Region-Focused Int.Dialogue | 1284048 Continuing

9 participants

Target Countries : Central Asia

Sector : Governance/Legal and Judicial Development

Sub-Sector :

Language : Russian

Appeal

UNAFEI ' s program on eradicating drug trafficking consists of presentations by participants, lectures by experts from and outside Japan, group discussions, and observation visits. UNAFEI has a wealth and depth of experience in providing useful training, and its programs offer a unique opportunity to share experiences, gain knowledge, create international networks, and improve country practices.

Objective/Output	Target Organization / Group
(Program Objective) Participants will share experiences, knowledge and future directions concerning specific measures related to drug crime control. (Specific measures to be addressed may vary year by year. The program scheduled in JFY 2012 will address measures against corruption which have a close relationship with drug crime control.) (Output 1) The current situations and issues in participants' countries concerning the main theme of the program will be identified and shared. (Output 2) Various efforts to address issues in Japan, Central Asian countries and other countries concerning the main theme of the program will be studied, and challenges to be tackled in participants' countries will be identified. (Output 3) A joint report in which participants list effective countermeasures against issues in their own countries or future directions concerning the main theme will be prepared.	Be relatively high-ranking officials or senior public officials from central bureaus, departments or agencies in the field of criminal justice (such as: ministries of justice or interior, police, prosecution, courts), who have experience related to the specific theme of the program.

Contents

(Before) Preparation of individual presentation with advice from UNAFEI faculty.
(Japan) Individual presentation (country report) and questions and answers.
(Japan) Lectures by UNAFEI faculty and persons from relevant organizations, including foreign experts.
(Japan) Observation visits to relevant facilities, such as prosecutors ' offices, courts, etc.
(Japan) Discussion in group workshops and preparation of the joint report on the main topic.
(Japan) Presentation of the joint report prepared in the group workshop

Program Period	2013 / 2/24 ～ 2013 / 3/15
Implementing Partner	UNAFEI
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	United Nations Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders (UNAFEI) http://www.unafei.or.jp/english/

Seminar on Comparative Study of Law for Central Asia
中央アジア地域 法制比較研究セミナー

Region-Focused | 1284066
Trainers | Continuing
12 participants

Target Countries : Central Asia

Sector : Governance/Legal and Judicial Development

Sub-Sector : Private Sector Development/Trade and Investment

Language : Russian

Appeal

The shortage of legal information of the trading country becomes a big barrier of the investment activities to this country. It is very useful to conduct a comparative study on legal systems, not only for constructing the better system but also for promoting the investment for these countries. This course focuses on a topic related to the enterprise act, such as investment, security, register etc. for the better legal system of the participating countries.

Objective/Output	Target Organization / Group
【Objectives】 Clearing up the Legal issues in the Central Asia such as the Technical Legislation and interpretation of a treaty, and utilized between the legal participants. 【Outputs】 (1)Participants can understand the current situation of legal system of their own country. (2)Participants can explain the constitutional practice of their own country (3)By abstracting their legal system, participants can make it clear the legal practice and share it and organize it into the booklet.	【Target Organizations】 Ministry to supervise the Judge, Business Enterprise 【Target Group】 ＜Position＞ Person in charge of lawmaking or practice regarding the theme which Japan set up ＜Job Experience＞ More than 3 years practical experience in the following 3 field; 1. The Judge in the court economic court 2. Government officers in the Ministry which supervise the business enterprise 3. Officers in the organization of Legal evaluation

Contents

(1)Preparation of Country Report (The theme would be fixed by Japanese side and be revised every year)

(2)Discussion of Issue analysis and Lecture (History and the present situation of self-help movement), and observation:(Self organizations in urban area and rural area)

(3)Preparation of booklet (compilation of the legal practice of participant's countries)

Program Period	2012/11/28 ～ 2012/12/15
Implementing Partner	The international cooperation department, Ministry of justice
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	

Analysis, Interpretation and Use of Official Statistics
官庁統計の解析、解釈及び利用

Group 1280567
Trainers Continuing
25 participants

Target Countries : Mainly, countries in the ESCAP region

Sector :Governance/Statistics

Sub-Sector :

Language :English

Appeal

Toward improving reliability and increasing availability of statistical data as well as providing more evidence-based information with more plausible interpretation by national statistical office (NSO), acquired knowledge and skills on analysis, interpretation, dissemination and use of data as well as on social statistics such as population, labor statistics including MDGs will be shared among offices by participants who are middle level statisticians/government officials in NSO.

Objective/Output	Target Organization / Group
【Objectives】 Improved knowledge and developed skills on statistical analysis and interpretation, and on its effective dissemination will be shared among national statistical offices and other government agencies make up national statistical system in each country 【Outputs】 1) To understand the theory and methods on statistical analysis and interpretation of statistical data more properly and be able to process statistical data 2) To be able to analyze census and survey data, write report, present and disseminate results of the census and survey to wider audience 3) To be able to do a series of statistical work from analyzing and interpreting of statistical data to reporting and disseminating of the result 4) To be able to train other statistical officers utilizing improved communication skills 5) To carry out project work using measures to deal with problems on their work, and to develop action plan for the knowledge sharing with their colleagues 6) To implement an action plan in a participant's home country.	【Target Organization】 National Statistical Offices and other Government Statistical Offices 【Target Group】 1)Current Duties: be middle level statisticians; 2)Experience in the relevant field: have sufficient knowledge of social statistics and basic methods for statistical analysis as well as the use of personal computers for data analysis, word processing, tabulation and presentation visuals; 3)Educational Background: be university graduate with specialization in either statistics, mathematics, economics, sociology; 4)Age: be over 30 years and not more than 45 years old.

Contents

【Preliminary Phase in a participant's home country】
1) Preparation of the country report 2) Preparatory study through distant training program.

【Core Phase in Japan】
a) Lecture and Exercises: 1)National Statistical System and Fundamental Principles of Official Statistics 2)Economic Statistics Framework (SNA) and Sectoral Economic Statistics (Millennium Development Goals Indicators) 3) Computing Analysis of Statistical Data 4)Training and Communication Techniques
b) Project work and Action plan development: 1)Individual project featuring research on analysis and interpretation of primary and secondary data on a topic related to socio economic issues of the respective country with a view to applying techniques of statistical analysis, interpretation and dissemination relating to economic statistics. 2) Development of Action Plan
c) Field Study Trip: Visits to Japanese government offices and leading industries,

note: This course is held in the field of economic and social statistics on a biannual basis. In fiscal year 2012, it is covering economic statistics.

【Finalization Phase in a participant's home country】
Submission of progress report certified by the head of her/his organization to SIAP about implementation of the action plan

Program Period	2013 / 1/16 ～ 2013 / 3/23
Implementing Partner	United Nations Statistical Institute for Asia and the Pacific (UNSIAP)
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	The program is conducted jointly by JICA and SIAP. <URL> http://www.unsiap.or.jp/ This course is held in the field of economic and social statistics on a biannual basis. In 2012 it is covering economic statistics.

Production and Development of Official Statistics in Support for National Development including the Achievement of MDGs
ミレニアム開発目標の達成支援のための官庁統計の作成及び整備

Group Trainers | 1280934 Continuing | 30 participants

Target Countries : Mainly, countries in the ESCAP region

Sector :Governance/Statistics

Sub-Sector :

Language :English

Appeal

Developing countries have needs on capacity building of government officials/statisticians in official statistics, especially in key statistical areas relevant for monitoring and evaluation of progress in achieving MDGs. This program covers fundamental aspects of official statistics including related to MDGs by lecture, exercise, observation, project work and development of action plan for sharing the knowledge in their organizations.

Objective/Output	Target Organization / Group
【Objectives】 Improved knowledge and developed skills on fundamental official statistics, particularly in the areas related to MDG indicators and other measurements of national development, will be shared among national statistical offices in each country 【Outputs】 1) To understand and be able to carry out sample statistical survey and analyze the survey results/data 2) To understand and be able to explain the knowledge and skills on Economic Statistics including SNA 3) To understand and be able to explain the knowledge and skills on Demographic and Social Statistics 4) To be able to train other statistical officers using presentation skills and training techniques 5) To carry out project work using measures to deal with problems on their work. To develop action plan for the knowledge sharing with their colleagues 6) To implement an action plan in a participant's home country.	【Target Organization】National Statistical Offices and other Government Statistical Offices 【Target Group】 1) Current Duties: be statisticians or statistical officers in national statistical organization or other government agencies carrying out statistical functions with a basic knowledge of official statistics with experiences of working for 3-5 years; 2)Educational Background:be university graduates with specialized in statistics, mathematics, economics 3) Knowledge: have enough knowledge of basic mathematics; 4) be over 25 years and not more than 40 years old.

Contents

【Preliminary Phase in a participant's home country】
1) Preparation of the country report
2) Preparatory study through distant training program

【Core Phase in Japan】
a) Lecture and Exercises:
1) Statistical and Survey Methods: Survey Methodologies, Statistical Methods, and Statistical Computing and Presentation
2) National Accounts and Economic Statistics: SNA, Macroeconomic and other related statistics
3) Demography and Social Statistics: Concepts and Methods of Demographic and Social Statistics and Survey Designs for Selected Household Surveys
4) Presentation Skills and Training Techniques

b) Project work and Action plan development

c) Field Study Trip: Visits to statistical offices and leading industries

【Finalization Phase in a participant's home country】
Submission of progress report certified by the head of her/his organization to SIAP about implementation of the action plan.

Program Period	2012 / 8/15 ～ 2012 /12/22
Implementing Partner	United Nations Statistical Institute for Asia and the Pacific (UNSIAP)
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	The program is conducted jointly by JICA and SIAP. 【URL】 http://www.unsiap.or.jp/

Application of Information Management and Related ICT for Official Statistics
官庁統計における情報管理手法及び関連する情報通信技術の適用

Group 1280935
Trainers Continuing
20 participants

Target Countries : Mainly, countries in the ESCAP region

Sector :Governance/Statistics

Sub-Sector :Information and Communication Technology/Information and Communication Technology

Language :English

Appeal

Developing countries need accurate, timely and reliable statistical data for monitoring achievement of development goals, in particular MDGs. This program provides middle level statisticians/computer specialists with knowledge/skills on timely processing of data and improving database quality through ICT by lecture, observation, exercise, project work and making action plan for sharing knowledge in their organizations after returning.

Objective/Output	Target Organization / Group
【Objectives】 Improved knowledge and developed skills on application of information management and related ICT into their statistical work will be shared among national statistical offices and other government agencies make up national statistical system in each country 【Outputs】 1)To acquire and be able to explain outline of the knowledge and skills in applying ICT related tools in GIS and data management systems into statistical works 2)To acquire and be able to explain outline of the knowledge and skills in using statistical software 3)To acquire and be able to explain outline of the knowledge and skills about Japanese experience in applying ICT for official statistics 4)To be able to train other statistical officers using presentation skills and training techniques 5)To carry out project work using measures to deal with problems on their work, and develop action plan for the knowledge sharing with their colleagues 6) To implement an action plan in a participant's home country.	【Target Organization】 National Statistical Offices and other Government Statistical Offices 【Target Group】 (1)Current Duties: be middle level statisticians or computer specialists with official statistical computing and software package application experience (2)Age: under 40 years old (3)Educational Background:be university graduate with specialization in computing, statistics or relevant field, or have equivalent knowledge and experience

Contents

【Preliminary Phase in a participant's home country】
1) Preparation of the country report
2) Preparatory study through distant training program

【Core Phase in Japan】
a) Lecture and Exercises:
1) Introduction to emerging ICT technologies including management aspects, open source solutions and quality control
2) Applicable ICT for statistical work such as compilation, management, analysis, dissemination of statistical data
3) Application of ICT in Statistical Processes in Japan
4) Training techniques, presentation and communication skills
5) Demonstration of selected software.
b) Group works, project and presentations:
1) Country report presentation
2) Planning, implementation and demonstration of project.
c) Field Study Trip: Visit to Statistics Bureau and other government offices in Japan; Visit to leading Japanese industries etc. on the use of ICT

【Finalization Phase in a participant's home country】
Submission of progress report certified by the head of her/his organization to SIAP about implementation of the action plan.

Program Period	2012 / 5/16 ～ 2012 / 7/21
Implementing Partner	United Nations Statistical Institute for Asia and the Pacific (UNSIAP)
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	The program is conducted jointly by JICA and SIAP. 【URL】 http://www.unsiap.or.jp/

Seminar on Government Audit for Senior Officials
上級政府会計検査セミナー

Group 1280124
Int.Dialogue Continuing
14 participants

Target Countries : ASOSAI Member Countries

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

To strengthen the governance of Asian countries, this seminar is designed to improve the institutional capacities of Supreme Audit Institution (SAI)s in Asia by enabling senior level officials to find effective solutions to their current common challenges on government audit through sharing knowledge and experiences.

Objective/Output	Target Organization / Group
(Program Objective) Effective solutions and directions on “improvement of audit process for more effective audit” will be shared in participating SAIs. (Output 1) Each participant can explain the current situation of his/her own SAI and its challenges which the SAI ought to address, by discussing and sharing participating SAIs' knowledge and experiences. (Output 2) Upon renewing understanding of his/her own SAI’s challenges by the output 1, each participant will learn the audit system of both national and local governments of Japan and their experiences. And, participants can explain the view on how to deal with challenges after taking lectures given by experts. (Output 3) Based on the output 1 and 2, participants will formulate a report on innovative practices to address common challenges to their own SAIs and other SAIs as well.	(1) Senior Officials (at Director level or above) of the Asian Organization of Supreme Audit Institutions (ASOSAI). (2) have a minimum of five(5) years of experience,in Supreme Audit Institution. (3) 30-45 years of age, in principle

Contents		
(Preliminary Phase) Formulation of Country Report (Core Phase in Japan) 1.Presentation and Discussion on Country Report 2.Lectures on government audit of Japan, on the specific theme of the seminar 3.Site Visits (audit committee office in local government and so on) 4.Discussion and Formulation of a report on innovative practice 5.Presentation on innovative practice	Program Period	2012 / 5/27 ～ 2012 / 6/7
	Implementing Partner	Board of Audit of Japan
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	<BOAJ HP> http://www.jbaudit.go.jp/english/index.html <ASOSAI HP> http://www.asosai.org/

National Government Administration for Senior Officials
上級国家行政

Group Leaders | 1280320 Continuing

Target Countries :

9 participants

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

The main theme of this seminar is how public administration should contribute to the socioeconomic development of developing countries, and it also examines governance fields requiring improvement in order to achieve continuous growth. As a point of reference, this seminar presents the historical and recent trends of developmental processes in post-war Japan from the perspective of governmental policy formulation while also including historical factors and social background. This discussion of the issues and causes experienced by Japan, together with those currently facing developing countries is applied in the study of paths that will move these developing countries towards development and expansion.

Objective/Output	Target Organization / Group
【Program Objective】 Policy formation ability of the senior government officials, who are responsible for policy making, will be enhanced. 【Expected Module Outputs】 (1)To get a better grasp of the roles of public administration and human resource development in Japan, which served as crucial elements for socioeconomic development during the post war period. (2)To examine the validity of their administration and human resource development system, and identify issues/challenges in comparison with those of Japan and other participating countries. (3)To seek a new way of policy formulation and public administration in developing countries by grasping and analyzing the current situation and its issues. (4)To discuss the issues and challenges, which participating countries face and draft an improvement plan for them.	【Target Organization】Central Government 【Target Group】 (1) must be senior government officials of a corresponding ministry of the central government (director-general level), or a corresponding position (section manager at a minimum), and must be involved in policy formulation. (2)have experience of policy formulation and coordination for more than five (5) years. (3)have a university or equivalent (or above) academic degree. (4)be proficient in spoken and written English.

Contents		
【Activity in Preliminary Phase in a participant's home country】 Preparation of Inception Report on "The Roles of Public Administration to contribute to the socioeconomic development taking of the country" 【Activity in Core Phase in Japan】 Lectures, study tour, presentation and discussion mentioned below are planned to be conducted. (1)Presentation: Inception Report on "The Roles of Public Administration to contribute to the socioeconomic development taking of the country" (2)Lecture: Development of Governance in Japan, Japanese civil service system, Ethics for civil servants, Fiscal Policy in Japan, Local government system and decentralization, Management of Policy Making Process, Socioeconomic development in developing countries, Evaluation of Administrative Reform, HRD in developing countries, Decentralization and local governance in developing countries, Governance in developing countries and development aid from donors, Countermeasures against corruption in developing countries (3)Study Tour: Private Enterprise, Prefectural or Municipal Government (4)Presentation: Improvement Plan on "The Roles of Public Administration to contribute to the socioeconomic development taking of the country"	Program Period	2012/10/28 ～ 2012/11/17
	Implementing Partner	Japan Association for Public Human Resources Development
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2011～2013
	Remarks and Website	Relevant Ministry:National Personnel Authority This program is for high ranking officers.

Seminar on Governmental Human Resource Management for Senior Officials
上級人事管理セミナー

Group Leaders | 1280569 Continuing | 9 participants

Target Countries :

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

This seminar is designed for executive officials in charge of formulation, planning or implementation of personnel policy in Agencies for National Personnel Administration. This seminar provides an opportunity to compare and study systems and practices of personnel administration and its principle in Japan and participating countries as well as to consider measures to deal with them by way of discussion with other seminar participants.

Objective/Output	Target Organization / Group
【Program Objective】 To improve the ability of policy planning of participants who play a critical role in personnel administration in respective country to make it possible for them to formulate a concrete and feasible improvement plan for human resource management. 【Expected Module Outputs】 (1)To recognize critical issues in human resource management of participant countries through discussions with participants. (2)To understand the roles of public administration and civil servants in Japan, which served as crucial elements for socioeconomic development during the post war period. (3)To make clear the challenges and future vision of their own personnel administration system, etc. by understanding, organizing and comparing systems and practices of personnel administration in Japan and participating countries. (4)To formulate a feasible improvement plan into Improvement Report on a critical issue or challenge of their personnel administrative system based on lessons learnt from this seminar.	【Target Organization】 Organization that is responsible for personnel management of national public employees 【Target Group】 (1) should be a central government official at the level of director-general or equivalent (at least division director level) involved in personnel management policy formulation, planning and implementation regarding national public employees in the central personnel administrative agency (2) have more than 5 years of work experience as a governmental official (3)have a university or equivalent (or above) academic degree (4)have a competent command of spoken and written English

Contents		
【Activity in Preliminary Phase in a participant's home country】 Preparation of the inception report (Systems, Practices and Challenges of Public Personnel Administration for the National Government Officials) 【Activity in Core Phase in Japan】 Lectures, study tour, presentation and discussion mentioned below are to be conducted. (1)Presentation & Discussion: Systems, Practices and Challenges of Public Personnel Administration for the National Government Officials (2)Lecture: History of Japanese Civil Service System and the Role of NPA, Securing and Development of Human Resource, Working Conditions, Treatment, Human Resource Development in Developing Countries, Countermeasures against Corruption in Developing Countries, Service Discipline and Disciplinary Action, Maintenance of Public Servant Ethics, Reform of the Public Employee System (3)Study Tour: Private Enterprise, Prefectural or Municipal Government (4)Presentation & Discussion: Improvement plan for human resource management	Program Period	2012 / 5/23 ～ 2012 / 6/9
	Implementing Partner	Japan Association for Public Human Resources Development
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	Relevant Ministry: National Personnel Authority This program is for high ranking officers.

Seminar on Government Audit on Public Construction Works
公共工事政府会計検査セミナー

Group 1280709
Trainers Continuing
10 participants

Target Countries : INTOSAI Member Countries

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

In auditing public works, SAI Japan has found numerous improper cases regarding non-compliance with relevant standards in design and cost estimation, etc. SAI Japan provides such valuable experience and expertise, which other SAIs rarely has, to participating SAIs so as to strengthen their capability to audit public works and to contribute to the improvement of public works in their countries.

Objective/Output	Target Organization / Group
<Program Objective> Based on experience and knowledge of SAI Japan, the necessity and importance of the audit of public works, such as the improvement of social infrastructure that is essential for the further development of countries, are understood not only in terms of accounting transactions but also in terms of design, cost estimation, construction and usage. Viewpoints and methods/techniques necessary for such audit are also acquired. <Outputs> 1.To be able to explain the audit of participating SAIs on public works as well as the overview of public works in their countries, 2.To understand the necessity of the audit of public works, knowledge about public works, and viewpoints and methods/techniques necessary for the audit, as well as the Japanese audit system, and 3.To be able to summarize relevant knowledge and methods/techniques for auditing public works, acquired through this program, and to draw up an Action Plan to report to their own SAIs.	<Target Organization> Supreme Audit Institution (SAI) <Expected Job Title> Auditor of SAI <Expected Job Experience> Have a minimum of 5 years of experience in government audit <Other Qualifications> Be proficient in spoken and written English

Contents		
Before his/her visit to Japan, each participant submits an Inception Report, which SAI Japan reviews and gives feedback on any improvement. During the seminar in Japan, he/she gives a presentation on the Inception Report. Lectures on the outline of SAI Japan, the implementation system and history of its audit of public works, background of public works in Japan and significant audit cases, and hands-on practice using structure models are given; and he/she draws up an Action Plan and gives a presentation on it. After his/her return to own country, a Final Report which describes his/her presentation on the Action Plan in the SAI and the progress of its implementation is submitted.	Program Period	2012 / 6/24 ～ 2012 / 7/14
	Implementing Partner	Board of Audit of Japan
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2011～2013
	Remarks and Website	<BOAJ HP> http://www.jbaudit.go.jp/english/index.html

International Seminar on Taxation (General Course)
国際税務行政セミナー(一般コース)

Group 1280845
Trainers Updated
20 participants

Target Countries :

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

This course is designed for mid-ranking officials of national tax authorities except customs. Participants will have a series of lectures and discussions on Japanese tax regulation and its administration, and formulate action plans to improve tax administration in their countries. The course started in 1968, in which 913 officials from 50 countries have participated in total.

Objective/Output

【Objective】
Analysis for current issues in tax administration of their respective countries which recognized by participants and the content of the seminar will be shared in the national tax authority after their return.

【Expected Module Output】
(1)To acquire the general knowledge of Japanese taxes
(2)To understand the current situation regarding the enforcement of tax administration in Japan
(3)To acquire the general knowledge of international taxation
(4)To find out points to be improved in the national tax system and administration of their own countries by comparing with those in other participation countries and Japan.
(5)share the analysis for current issues in tax administration of their respective countries which recognized by participants and the content of the seminar in the national tax authority after their return.

Target Organization / Group

<Organization>
Administrative authorities for national taxes except customs

<Target Group>
1) Be middle class officials of the national tax authority except customs.
2) Have more than 5 years of occupational experience in national tax administration or in planning of national tax system.
3) Be proficient in English to be able to actively discuss on the subject of the Core Phase in Japan). TOEFL score of 550 PBT or 213 CBT is desirable.

Contents

【Preliminary Phase】
Formulating Country Report on current issues of tax administration of respective participating countries as well as current tax regulation and system

【Core Phase in Japan】
1. Lectures: Tax system and administration in Japan, Tax related topics, OECD Seminar on ''Tax Treaty" and "Auditing Small and Medium Sized Corporations"
2. Presentations and discussions: Country Report, Comparative Analysis Report on a comparative study of certain issues in tax administration between participant's country and other country including Japan,and presentation of the report, and discussion-Discussion with tax officials of NTA
3. Observations: Regional Taxation Bureaus, Tax Offices, and others

【Finalization Phase】
1. Sharing the Comparative Analysis Report and contents of the seminar with respective national tax authorities, and formulating a final report on the result of sharing

Program Period	2012 / 9 / 4 ～ 2012 / 10 / 31
Implementing Partner	National Tax Agency, National Tax College
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2012～2014
Remarks and Website	【National Tax College URL】 http://www.nta.go.jp/ntc/english/inter/02_istax_n/istax_n_e.htm

International Seminar on Taxation (Senior Course)
国際税務行政セミナー（上級コース）

Group 1280846
Solution Updated

Target Countries :

15 participants

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

This course was established in 1974 and is designed for senior tax officials from developing countries. About 10 tax officials from different countries join this program for about 3 weeks. This course mainly focuses on discussion and exchange of information about tax issues.

Objective/Output	Target Organization / Group
【Objective】 Senior class tax officials in developing countries will recognize potential problems and possible solutions to them in tax administrations of their respective countries. 【Objective for each unit】 Identify the points to be improved in tax administration of each country, and strengthen knowledge and ideas to tackle with those points. Enhance the partnership with National Tax Agency as well as among participants in the seminar through exchange of views. Formulate the possible solutions for the problems which are identified by the participants, after they return.	National tax administrative authority except customs Be ranked as a senior class official of the national tax administrative authority except customs Have sufficient knowledge and professional experience in the field of national tax administration except customs Proficient in English in order to actively discuss and make report on the subject during the Core Phase in Japan

Contents

(Lectures) Tax system and administration in Japan

(Discussion) Tax administration related topics, etc.

(Study Visits) Tax office and regional taxation bureau, etc.

(Presentation and Discussion) Tax administration related topics, etc.

(Study Visits) Tax office and regional taxation bureau, etc.

(Lectures) Tax system and administration in Japan

(Discussion) Tax administration related topics, etc.

(Study Visits) Tax office and regional taxation bureau, etc.

Program Period	2012/11/ 6 ～ 2012/11/29
Implementing Partner	National Tax Agency, National Tax College
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2012～2014
Remarks and Website	【National Tax College URL】 http://www.nta.go.jp/ntc/kokusai/istax_s/istax_s.htm

Public Personnel Administration for Middle Level Officials
人事行政

Group 1280867
Solution Updated

Target Countries :

13 participants

Sector :Governance/Administrative Institutions

Sub-Sector :

Language :English

Appeal

This seminar is intended to enhance operational capability of middle-ranking officials (Deputy Division Director level) of the central personnel administration agencies. Participants will have opportunities to learn about Japan's personnel administration system, to discuss the challenges and countermeasures for the participating countries and to make an improvement plan for the personnel administration systems of their home countries.

Objective/Output	Target Organization / Group
【Objective】 An improvement plan for personnel administration systems will be drafted by each participant during the program in Japan and that draft plan will be finalized by the department the participant belongs to. 【Expected Module Outputs】 (1)To understand national public service system, as well as various systems and practices of public personnel administration in Japanese Government in detail. (2)To identify challenges for the public personnel administration systems of each participant's country through a comparative study of the current situation and challenges of all participating countries as well as Japan. (3)To formulate a draft improvement plan for fair and efficient personnel administration systems which is best suited to the current situation of each country. (4)To formulate more feasible improvement plans through discussion in the department which participants belong to.(Finalization Phase in a participant's home country)	【Target Organizations】 Central Personnel Administration Agency 【Target Group】 (1) should be a central government official at the level of Deputy Division Director involved in policy formulation and implementation in the central personnel administration agency(responsible for the personnel management of government officers) in principle. (2) have more than 3 years of occupational experiences in regard to personnel policy formulation, planning, implementation. (3)be supposed to serve as a national public officer for at least 5 years or more after the program is completed.

Contents		
【Activity in Preliminary Phase in a participant's home country】 Preparation of an inception report on Systems, Practices and Challenges of Public Personnel Administration for the National Government Officials 【Activity in Core Phase in Japan】 Lectures, study tour, presentation and discussion mentioned below are to be conducted. (1)Presentation & Discussion: Inception Report on Systems, Practices and Challenges of Public Personnel Administration for the National Government Officials (2)Lecture & Discussion: History of Japanese Civil Service System and the Role of the National Personnel Authority, Recruitment System,Training and Human Resource Development, Remuneration System, Personnel Evaluation System, Service Discipline, Ethics, Countermeasures against Corruption in Developing countries, etc. (3)Study Tour: Regional Bureaus of the National Government, Prefectural or Municipal Government, etc. (4)Presentation & Discussion: improvement plan for human resource management 【Activity in Finalization Phase in a participant's home country】 Formulation of a plan for improvement based on and revised from improvement plan.	Program Period	2013 / 2/ 3 ～ 2013 / 2 /23
	Implementing Partner	Under Planning
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2012～2014
	Remarks and Website	Relevant Ministry: National Personnel Authority

Participatory Local Social Development
参加型地域社会開発

Group 1280727
Solution Continuing
15 participants

Target Countries :

Sector :Governance/Local Governance

Sub-Sector :Urban/Regional Development/Regional Development

Language :English

Appeal

This program provides theory and practical methods to plan, implement and develop participatory local social development projects, aiming at officials in charge of development of developing countries

Objective/Output	Target Organization / Group
To be able to plan and manage Participatory Local Social Development (PLSD) projects based on the actual situations of each country. #1 To gain comprehensive knowledge of the Participatory Approach as effective methodology to raise awareness among targeted local people and organize them; #2 To understand the basic framework to analyze the local people's capability formation and mechanisms of resource utilization and management in the context of a local community; #3 To improve comprehensive knowledge and skills of Participatory Local Social Development planning and implementation by learning from JICA projects #4 To revise participants' respective present projects by themselves through reviews and analysis from the PLSD viewpoints and perspectives.	Local governments, groups that implement/plan field projects such as NGOs, research institutes, organizations that conduct Local Social Development projects. (including universities and colleges) Have more than 5 years' experience in the field of planning/managing and training of local social development projects. Applicants from JICA projects/experts Counterparts are highly appreciated. Applicant should Have a sufficient command of speaking and writing English (At least TOEFL score 500 is required.)

Contents		
<Participatory Approach Methodology for promoting local people's participation> ・Framework of historical background and basic concept for PLSD ・Theory and Practice, Effectiveness and Limitation of Participatory Approach(PA) <Methodology for analyzing the current situation in a local community> ・Three factors of development and self-organization power ・Function pattern and step-by-step approach of local community system <Case study and observations> ・Verification of on-site case study of PLSD in Japan(Iida in Nagano), and of participation and self-government of local community in Japan (Mano areas in Nagata, Kobe) <Methodology for implementing the PLSD project, based on the JICA scheme> ・Points to note and methods for planning, implementation, management and evaluation of Participatory Local Social Development <Exercise for improving projects using the "PLSD" theory and methodology> Reviewing and sharing revised project plans Implementation of revised plan and submission of reports (6 months after returning)	Program Period	2012 / 8/ 1 ～ 2012 / 9/8
	Implementing Partner	Prof. Ohama (Nihon Fukushi University)
	JICA Center	JICA Chubu
	Cooperation Period	2010～2012
	Remarks and Website	

Community Based Development with Local Residents as Main Actors
住民主体のコミュニティ開発

Group 1280841
Solution Updated

Target Countries :

12 participants

Sector :Governance/Local Governance

Sub-Sector :

Language :English

Appeal

This program is designed for field workers engaging in community development on site. Participant will have opportunity to learn about effective community facilitation skills and concept and methodology of community-led development. These make it possible to community development activities conducted by CBOs and/or community people are modified into community-led development utilizing local resources and active participation of stakeholders.

Objective/Output

【Program Objective】
Newly acquired concept and methodology of community based development are shared within CBOs and community where the participants work for and tangible changes in strategy and activities of community development are observed.

【Expected Results】
(1)To objectively figure out issues to be solved and a goal to be attained after reviewing community development activities of the participants or their organization.
(2)To be able to explain facilitation methods with clear awareness of the concept of community and the role of outsiders in community based development.
(3)To be able to explain specific lessons learnt from Japanese local community such as development cases utilizing local resource, facilitation for community based development and the partnership between public administration and civil society.
(4)To formulate an action plan for how to utilize and share newly obtained development concept and facilitation methods within their organizations and community.
(5)Newly acquired development concept and methods are discussed and shared among the organization and community.

Target Organization / Group

【Target Organizations】
Local/national NGOs or community-based organizations (CBOs) and local governments that have staffs/officers who are actively engaged in community development on site.

【Target Group】
(1)Be a field staff who actively works in community development site.
(2)Have experience in the field of community based development for three years or more.
(3)Currently engaged in community development with prospects of continuous involvement in the future.

Contents

【Preliminary Phase in a participant's home country】
Formulation of Inception Report on community development activities or project of participants or their organization.

【Core Phase in Japan】
1.(1) Workshop: Sharing/reviewing experiences, views of participants on community development
1.(2) Workshop/Lecture: Basic concept and history of community development
2.(1) Workshop: Role of outsiders in community development
2.(2) Workshop/Lecture: Skills/methods of facilitating community development
3.(1) Field visits: Case Studies on Facilitation of Community Development in Japan. Visiting a local community where people initiated community-based actions through facilitation of outsiders and partnership among stakeholders.
3.(2) Workshop: Finding lessons from field visit
4.(1) Workshop/Individual Work: Finding lessons from the course and devising the way of practice and sharing among communities or organizations participants belong to
4.(2) Action Plan Presentation

【Finalization Phase in a participant's home country】
The activities done after participants return shall be reported as Final Report to JICA.

Program Period	2012 / 6/24 ～ 2012 / 7/21
Implementing Partner	i-i-network
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2012～2014
Remarks and Website	・This program will be implemented twice a year. 1st program:Jun. 24,2012～July. 21,2012 2nd program:Jan. 16,2013～Feb. 13, 2013.

Local Governance
地方自治研修

Group 1280932
Solution Continuing
13 participants

Target Countries :

Sector :Governance/Local Governance

Sub-Sector :

Language :English

Appeal

This program is designed for middle-ranking officials of central and local government responsible for local administration. Participants shall have opportunities to deepen understanding of local administration and financial system, as well as practical management efforts of Japan as a case study.
These make it possible for participants to compare with their own cases and rediscover their challenges and identify applicable essences on local governance to their countries.

Objective/Output	Target Organization / Group
【Project Objective】 An improvement plan of the implementation structure of local governance is formulated in local government organizations that participants belong to. 【Expected Module Outputs】 (1)To realistically identify and analyze problems regarding local governance in participating countries in comparison with Japan and other participating countries. (2)To consider the applicability of local governance policy of Japan and other participating countries and to invent a plan for solving problems. (3)To formulate perspective report describing medium-term policy issues regarding local governance and a plan to addressing the issues. (4)The results of discussion and consideration at participants' respective organization on perspective report are confirmed on finalized perspective report which would be submitted under the name of participants' superiors 3 months later posterior to the completion of the course in Japan.	【Target Organization】 The central government offices (the Ministry of Interior, etc.) and local public organizations responsible for local administration 【Target Group】 (1) Current Duties: Be civil service personnel of central and local government who are engaged in local administration (2) Experience: Have more than 5 years' experience in local administration (3) should be promising candidates for the post of higher management in the future

Contents		
【Activity in Preliminary Phase in a participant's home country】 To formulate Inception Report for identifying and analyzing problems 【Activity in Core Phase in Japan】 Lectures, site visits, presentations and discussion (1) Presentation on Inception Report for identifying and analyzing problems (2) Lecture ：Local Government System and Decentralization Reform, Local Tax/Local Public Finance in Japan, Administration reform, System of local public employee, Election system, Relationship between the central and local government, Regional Development Activities, NPO and administration, etc. (3) Site visits: Local autonomy (prefecture and city), Ministry of Internal Affairs, etc. (4) Formulating and Presentation on Perspective Report for addressing challenges 【Activity in Finalization Phase in a participant's home country】 To formulate a plan of improvement based on and revised from Perspective Report	Program Period	2012 / 5/30 ～ 2012 / 7/14
	Implementing Partner	Local Autonomy College
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	

Enhancement of Local Government Administration and Public Services
地方自治体行政強化 (参加型地域開発)

Group 1280994
Solution Continuing
12 participants

Target Countries :

Sector :Governance/Local Governance

Sub-Sector :Urban/Regional Development/Regional Development

Language :English/Spanish

Appeal

This training program is field-oriented to strengthen the government's capability for participatory local development. Participants are requested to prepare their original Action Plan associating with their organizations and are expected to realize them with the local JICA's corporations in their country. For this purpose,this course is based on(1)to understand the Japanese participatory development by local governments by observations, (2) to understand the academic and theoretical method for the participatory local development, (3) to input these knowledge on the participant's real Action Plan(Project Proposal)as of efficient,practical,and make most use of the local resources.

Objective/Output

【Objectives】
The objective is communities' empowerment in Participants' organizations responsible areas through a feasible development plan, which is designed by the following outputs.

【Expected Module Outputs】
(Preliminary phase in participant's country)
Participants can utilize their issues and problems as a Proposal Plan
(Core phase in Japan)
1. Participants can explain the theories, methods and role of local government to others through studying many cases in developing countries and Japan. Participants will have ideas of application the knowledge in their countries.
2. Participants organize solution ideas for their own issues based on acquired the knowledge and skills from above mentioned training units.
3. Participants design feasible Action Plans, which contain specific direction or methods to address their responsible local governments or areas' issues based on the above mentioned training units.

(Finalization Phase in participant's country)
Action Plan is realized by the participants.

Target Organization / Group

【Target Organizations】
Local governments/National government sections in charge of local development (* Institutes, which is in charge of policy-making for local development can be target.)
【Target Group】
1. Specialists and/or officials dealing with policy-making for local development with more than 3 years' experience
2. Local government's officers/ National government officers in charge of local development

(**Researchers, who are in charge of policy-making for local development)
【experience】
Those with more than 3 years of working experience in this field

Contents

(Preliminary Phase)
Preparing Proposal Plan before coming to Japan

(Core phase in Japan)
1-1. Information sharing thorough Proposal Plan presentation
1-2. Lectures *Two types of lectures as follows.
(1) Academic & theoretical aspect by university professors (2) Practical aspect by municipalities' staffs
1-3. Practice of participatory method e.g. Project Cycle Management(PCM)
1-4. Observation & Discussion with local governments/SMEs/NPOs/Academic institute, etc.
2. Weekly Integration workshops to check the Participants' comprehension. Symposium on Local Government Administration for Participatory Development
3. Preparing the Action Plan and presentation

(Finalization Phase in participant's country)
1. Conducting the Action Plan
2. Follow up of their activities of Action Plan, e.g. monitoring & evaluation.

Program Period	2012 / 5 / 28 ～ 2012 / 7 / 20
Implementing Partner	Ryukoku University
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	This course is focused on Kyoto prefecture, which is the model for the traditional local industry, and also characterized for its utilizing the variety of society and nature.

Local Government Reform Programme for Anglophone African Countries
英語圏アフリカ地域 地方行政改革プログラム

Region-Focused Solution | 1284250 Continuing

Target Countries : Anglophone African Countries

16 participants

Sector :Governance/Local Governance

Sub-Sector :

Language :English

Appeal

To consider and practice an action plan for local governance enhancement through sharing Japanese/participating countries' experiences and lessons

Objective/Output

【Course Objective】Plans for improving local governance will be considered and tried by central governments, local governments, local government association and academic institutions.

【Expected Module Output】
[Pre-activities]
1) Current situation of own local governance will be organized, and inception reports will be written

[Activities in Japan]
2) Local governance and decentralization process of Japan and participating countries are recognized, and own administrative reform will be reconsidered
3) Action plans for improving own local governance will be proposed refer to Japanese and participating countries' experiences and lessons

[Activity in finalization phase in home country]
4) Action plans for improving own local governance will be discussed, practiced and reported within 1 year after the end of training programs

Target Organization / Group

Who are currently, or expected in future to be, playing leading roles in the Decentralization Reforms and/or design of the local governance system of the Country, such as key officers in:

・Ministries related to the decentralization reforms and/or local governance

・Local governments

・Local government association

・Academic institutions

Contents

[Activity in preliminary phase in home country]
Report writing on the following issues
1)Outline of local government(LG) system and its decentralization reforms 2)Local finance and fiscal decentralization 3)Human resource management of LGs and its decentralization 4)Participatory local development
[Core Phase in Japan]
Contents of Lectures and Observations
1)Sharing experiences/lessons of local governance among participants
2)Japan's experience of nation building and decentralization
3)Japan's experience in the process of decentralization reforms after world war II and unique CG-LG relations
4)Strength/weakness of Japan's HR management
5)Local finance & Fiscal decentralization
6)Comprehensive plans of LGs
7)Japanese regional development plans and citizen participation
8)Roles of prefectural governments in Japan's LGs
9)Good practices toward true local governance
10)Experiences of local economy development
11)Making action plan and its discussions
[Activity in finalization phase in home country]
Making Progress Report of the Action Plan

Program Period	2012/11/ 5 ～ 2012/12/22
Implementing Partner	Graduate School of Law and Politics, Osaka University; Ibaraki-city, Osaka Pref; Minamata-city, Kumamoto Pref etc.
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	

Capacity Building of Local Governments for Development with Community Participation
中南米地域 参加型地域開発のための地方行政強化

Region-Focused Solution | 1284354 New

15 participants

Target Countries : Latin American Countries

Sector : Governance/Local Governance

Sub-Sector : Citizen Participation/Citizen Participation

Language : Spanish

Appeal

JICA has been supporting the strengthening of local governments in Latin America in order to cope with the demands of decentralization and community participation promoted in the region. The course will target officials in charge of local development, especially the counterparts of JICA projects, to assist local governments in actively promoting local development with community participation in the region.

Objective/Output

【Objective】
Officials of local and central government deepen their understanding on local development with community participation facilitated by the local government, elaborate action plans and implement these plans within the organization that they belong to.

【Objective for each unit】
1. Participants learn about the systems and practices of local government in Japan
2. Participants learn about the formulation and implementation of local development plans with community participation
3. Participants learn about local development activities
4. Participants clarify about the roles of different organizations, and their coordination in local development
5. Participants clarify about the challenges related to participatory local development facing their organization, formulate and propose action plans within the organization

Target Organization / Group

[Current Duties]
(Central) Chiefs of Department of regional, local and territorial development
(Local)Mayors and officials in managerial position

[Experience in relevant field]
have more than 3 years' experience in local development, formulation of local development plans, assistance to local government, community development

Contents

[Pre-Training]
Preparation of Inception Report

[Training in Japan]
Lectures, Observation and Discussion will be implemented including the following topics:
- Local government in Japan
- The relation between central and local governments in Japan
- Local government and community participation in Japan
- Practices of local government administration and provision of public services.
- Process of community participation to local development, information sharing with community, and efforts on increasing the transparency of local administration
- Local development activities
- The roles and coordination among different organizations on local development.
- Presentation of Action Plan

[Training in Third country]
- Observation of JICA project in Honduras and discussion
- Sharing the progress and challenges of Action Plan and discussion for improvement

[Post-Training]
Submission of Final Report

Program Period	2012 / 5 / 20 ～ 2012 / 6 / 2
Implementing Partner	Hamanasu Foundation
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2012～2014
Remarks and Website	

Seminar on Traffic Police Administration
交通警察行政研修(休止)

Group Leaders 1280145 Continuing

Target Countries :

10 participants

Sector :Governance/Public Safety

Sub-Sector :

Language :English

Appeal

Participants shall intensively learn about and share knowledge of Japanese traffic police administration through the lectures given by Japanese officials and some site visits. They shall understand the problems of their countries, compare them to other countries' ones and study the solutions through writing, presenting Country Report and Action Plan and exchanging opinions. After returning to their offices, they shall make the most of knowledge got through this seminar.

Objective/Output	Target Organization / Group
【Objective】 To enhance the management capability of supervisory personnel in traffic police administration. 【Outputs】 1. To understand and explain Japan's traffic police administration in terms of institution, organization and management, as well as road traffic measures. 2. To identify issues and problems of mutual concern among participating countries, and examine ways to implement the solutions through country report presentation and exchanges opinions.	<Target Organization> Police organizations responsible for supervising or implementing traffic police administration <Expected Job Title> Be directors, or equivalents of the division for traffic police administration in the national police organization. <Expected Job Experience> Have been worked at traffic police administration. <Others> Have a sufficient command of spoken and written English.

Contents		
The below mentioned lectures,site visits,presentations are conducted. ・Lectures about Japan's traffic police administration in terms of institution,organization and management, as well as road traffic measures. ・Observation visits ex. Traffic Control Center etc. ・Country report presentation and discussion ・Action plan presentation and discussion	Program Period	under planning
	Implementing Partner	National Police Agency
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2011～2013(Alternately)
	Remarks and Website	<NPA> http://www.npa.go.jp/english/index.htm

Seminar on Control of Drug Offences
薬物犯罪取締セミナー

Group 1280706
Int.Dialogue Continuing
20 participants

Target Countries : Countries that require law enforcement cooperation on drug.

Sector :Governance/Public Safety

Sub-Sector :

Language :English

Appeal

Japan conducts rigorous drug law enforcement, and promotes fair and scientific investigation by utilizing sophisticated drug analysis. We also have long experiences of crackdowns on ICE(Meth, Shabu) whose abuse is expanding worldwide. Participation in this seminar will give you knowledge and experience of Japan and other participating countries to combat drugs (Ice, etc); and help you establish international networks against transnational drug crimes by meeting foreign senior counterparts.

Objective/Output	Target Organization / Group
<Course Objective> We will share the knowledge and experience about drug crime situations, effective drug law enforcement among Japan and participating countries. We will facilitate networking among Japan and participating countries for international law enforcement cooperation against drugs crimes. <Objective for each unit> To learn the knowledge and experience of drug law enforcement,etc. in Japan To obtain first-hand knowledge on fair and scientific drug investigation To share information and exchange opinions on drug crime situation and law enforcement of participating countries To form common understanding among participants on effective international cooperation on drug law enforcement	<Target Organization> Drug law enforcement organizations of Central Government <Expected Job Title> Division directors or those in the equivalent positions of drug law enforcement organization at the central government <Expected Job Experience> Professional experience as a commander in drug law enforcement <Other Qualifications> English skill for presentation and discussion

Contents

【Lecture】
Participant will learn drug crime situation in Japan including that of ICE (Shabu); activities of Japanese and other organized crime groups(e.g. Yakuza); and countermeasures by Japanese police against drug crimes.

【Observation】
Participant will visit prefectural police, etc., and know the practices of drug investigation, etc. They will also visit a drug crime Laboratory of the Japanese Police, and know the outline of drug analysis techniques.

【Presentations】
Each participant will make a presentation on the drug crime situation, drug law enforcement of his/her countries.

【Discussion】
Participants will make comments on each presentation, and exchange opinions.

Discussion. Participants will discuss the effective international drug law enforcement cooperation, and form common understanding on future actions, etc.

Program Period	2012 / 9 / 23 ～ 2012 / 10 / 6
Implementing Partner	National Police Agency
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2011～2013
Remarks and Website	This program is offered to High Ranking Officers. 【URL】http://www.npa.go.jp/english/index.htm

Police Info-Communications
警察情報通信

Group 1280737
Trainers Continuing
14 participants

Target Countries : See "REMARKS"

Sector :Governance/Public Safety

Sub-Sector :Information and Communication Technology/Information and Communication Technology

Language :English

Appeal

The Seminar on Police Info-Communications has been conducted every year since 2003. 124 participants from 51 countries have taken part in this seminar. Participants can learn about how to introduce, operate and maintain police info-communication technology and police info-communication facilities through lectures and site visits to a police headquarters, a police station and the Police Info-Communications Academy, etc.

Objective/Output	Target Organization / Group
【Objectives】 The measures to promote the utilization of info-communications technology for police activities will be shared within the law enforcement authorities in each participating country. 【Outputs】 (1) To understand function and utilization of police info-communications to deal with crime, accident and disaster. (2) To understand design, introduction, operation and maintenance of police info-communication system. (3) To understand human resources development for personnel in charge of police info-communications system. (4) To understand digital forensic technique for cybercrime investigation. (5) To understand problems regarding utilization of info-communications for police activities in the participant's organization, and plan to solve the problems. (6) To submit Final Report referring feedbacks on this program in the participant's organization and progress of Action Plan after returning home.	【Target Organization】 Police Organization 【Target Group】 ・ Police officers or Civilian Police Personnel equivalent to or above the position of Police Inspector, who are in charge of design, introduction, operation and maintenance of police info-communication system (preferably, applicants should have a basic understanding of TCP/IP). ・ Have at least one year experience in police info-communication activities.

Contents		
(1) General overview of the Japanese police (2) Oral presentation of Country Report (3) Lectures on design, introduction, operation and maintenance of police info-communication systems (4) Facility tour of police info-communication systems (5) Site Visit to education, training and research facilities (6) Preparation and oral presentation of Action Plan (7) After returning home, feedbacks on this program in the participant's organization and other relevant police organizations, and submission of Final Report	Program Period	2013 / 1/21 ～ 2013 / 2/8
	Implementing Partner	National Police Agency
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	【Target Countries】The countries whose number of the internet user per 100 inhabitants is above 5 or whose number of Cellular mobile subscribers per 100 inhabitants in above 10. 【URL】http://www.npa.go.jp/english/index.htm

International Terrorism Investigation
国際テロ事件捜査

Group 1280777
Int.Dialogue Continuing
15 participants

Target Countries :

Sector :Governance/Public Safety

Sub-Sector :

Language :English

Appeal

In this seminar participants will be introduced the knowledge and techniques on investigation of international terrorism incidents in Japan, exchange information and opinion about the problems, and visit Prefectural Police Headquarters and police stations to see the police activities. The participants will be able to use such methods in their countries and the mutual exchange of information will be more active by using the network built in the seminar.

Objective/Output	Target Organization / Group
【Objectives】 To establish close cooperative relationship among participating countries and Japan in order to promote international cooperation in the field of international terrorism prevention. 【Outputs】 1. To share information about the current situation of international terrorism and the countermeasures taken by participating countries. 2. To understand Japan's police system and its activities. 3. To understand counter-terrorism efforts and investigation activities of Japanese police. 4. To identify the common challenges in combating international terrorism and direction of international cooperation.	【Target Organizations】 National Police, Ministry of Interior or security organizations in charge of counter terrorism and/or international terrorism investigation 【Target Group】 ・Superintendents or captain those in higher positions ・those who is or was in charge of counter terrorism and/or international terrorism investigation.

Contents		
(1) Lectures and discussion on international situation, internal situation, international cooperation and other issues (2) Lectures on the organization and system of the Japanese police and visit to Prefectural Police Headquarters and police stations (3) Presentation of the each Country Report and discussion about it	Program Period	2012/10/14 ～ 2012/10/27
	Implementing Partner	NATIONAL POLCE AGENCY
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2011～2013
	Remarks and Website	This program is offered to High Ranking Officers. 【URL】http://www.npa.go.jp/english/index.htm

Seminar for Foreign Senior Police Officer
上級警察幹部セミナー

Group Leaders 1280893 Updated

16 participants

Target Countries :

Sector :Governance/Public Safety

Sub-Sector :Governance/Legal and Judicial Development

Language :English

Appeal

Through the seminar, senior or executive officers of participating countries will enhance extensive knowledge and abilities such as police management required as the senior executive police officers by sharing the overview/countermeasures of Japanese police, and the challenges/countermeasures of respective countries.

Objective/Output

【Objective】
Participants are expected to identify overall management challenges faced by their police agencies and prepare concrete plans to deal with them.

【Expected Results】
(1)To be able to explain concrete problems and challenges of the central police agency by observing democratic management and activities of Japan Police.
(2)To be able to extract the instrumental cases and ideas from democratic management and activities of Japan Police, and to discuss with each other among participants in order to solve the challenges of the central police agency.
(3)Action Plans for the countermeasures against challenges of the central police agency are formulated by referring to the efforts made by Japan Police and other participating countries' police.

Target Organization / Group

【Target Organization】
Central police agency

【Target Group】
1) Be a director of division or in a higher position, who is expected to be senior executive in the future
2) Be superintendent (be equivalent to Lieutenant Colonel of the Army) or in a higher position
3) Having police career for more than 15 years
4) Not have participated in the same kind of seminar/course hosted by JICA in the past

Contents

This program is designed for current or future top police officers to acquire broad knowledge such as organizational management.

【Preliminary Phase】
Formulation of Inception Report

【Core Phase】
(1)a) Lectures on organizational management, employment and education systems of Japan Police.
b)Field trip for prefectual police related to those lectures, including Public Safety Commission, police station, police box and residential police box, police school and other related facilities like the Customs.
(2)Presentation on Inception Report and Question and Answer during lectures and field trip and discussion among participants.
(3)Make an Action Plan, Presentation on A/P and Question and Answer for improving the capacity for organizational management of their police based on the learning and ideas obtained from lectures and field trip through the seminar.

Program Period	2012 / 6/ 3 ～ 2012 / 6 / 23
Implementing Partner	National Police Academy
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2012～2014
Remarks and Website	This Program is provided for high ranking officers. http://www.npa.go.jp/english/index.htm

Seminar on Criminal Investigation
国際捜査セミナー

Group 1280963
Solution Continuing

Target Countries :

11 participants

Sector :Governance/Public Safety

Sub-Sector :

Language :English

Appeal

This program is offered to the middle-ranking officials of central police agency, especially for officials in charge of international criminal investigation or Mutual Legal Assistance in criminal matters. Participants will have opportunities to identify the challenges that the participating countries are facing in the field of criminal investigation as well as to consider measures to deal with them by observing how Japanese police have worked in this field.

Objective/Output	Target Organization / Group
【Objective】The basic direction of operational improvements regarding international criminal investigations, crime prevention measures and investigative methods will be clarified by understanding the Japanese police system/organization and criminal investigative activities. 【Expected Module Outputs】 (1) To understand and explain the systems recognized as effectively functioning in the area of criminal investigation and crime prevention measures in Japan. (2) To specifically describe the challenges and issues participants' police organization are facing in criminal investigation and crime prevention measures (3) To formulate an Action Plan to aim at solving the challenges and issues participants' respective organization are facing in criminal investigation and crime prevention measures. (4) The results of discussion and consideration at participants' respective organization on Action Plan (a plan of improvement for tasks) are confirmed on Follow-up Report on Action Plan.	【Target Organization】 Central police agency 【Target Group】 (1) be an individual in charge of international criminal investigation or International Mutual Legal Assistance in criminal matters in the central police organization (excluding counterterrorism section), (2) be Police Inspector (be equivalent to Captain of the Army) or in a higher position, (3) have at least a 3-year career in the field of International Criminal Investigation or of International Mutual Legal Assistance in criminal matters

Contents		
【Preliminary Phase in a participant's home country】 Formulation of Inception Report on the current situation and issues of participating country's criminal investigation and the police organization system. Reading assignment: "POLICE OF JAPAN" 【Core Phase in Japan】Lectures, observations and presentation mentioned below are to be conducted: (1)Presentation of Inception Report (2)Lectures on Outline of Japanese Police, International Mutual Legal Assistance in criminal matters, ICPO, Procedure of Criminal Investigation in Japan, Community Police and Use of DNA Identification etc. (3)Site visit of Prefectural police, Police Box, Residential Police Box and Customs etc. (4)Making an Action Plan for improving criminal investigation and crime prevention measures. 【Finalization Phase in a participant's home country】 Formulation and submission of Final Report approved under the name of participants' superiors to JICA on the result of consideration and discussion about Action Plan. (3 months later after the compilation of the seminar)	Program Period	2013 / 1/20 ～ 2013 / 2/9
	Implementing Partner	National Police Academy
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2010～2012
	Remarks and Website	

Seminar on National Assembly and Election
議会運営･選挙管理セミナー

Group Leaders: 1280269 New

18 participants

Target Countries :

Sector :Governance/Democratic Institutions

Sub-Sector :

Language :English

Appeal

There is a steady development of movements towards democratization in the Middle East, Africa and Asia. JICA has supported democratization in the field such as national assemblies, elections, and media. This training course aims to study democratic institutions, including Japanese National Assembly, election system, role of media, and to deepen knowledge to take measures towards democratic reforms.

Objective/Output	Target Organization / Group
【Objective】 Related personnel in national assembly and elections gain knowledge of functioning assemblies, democratic elections and fair and balanced media. 【Objective for each unit】 1. To gain knowledge concerning the function of the National Assembly and its secretariats in Japan and to promote understandings about the functions of the legislative body. 2. To gain knowledge concerning free and democratic election system and management. 3. To gain knowledge concerning fair and balanced media.	Be senior officials (director level) of National Assembly Secretariat or Election Administration Committee, who are in the position of decision making and management. Have a sufficient command of spoken and written English.

Contents		
・Country report presentation, and questions and answers. ・Lecture by specialists (political system of Japan, political party promotion and restriction on political fund, etc.) ・Lecture by the Secretariat of the House of Representatives or the Secretariat of the House of Councilors ・Lecture by specialists (election system, election administration and management, voter education etc.) ・Lectures by Public Broadcasting Entity such as NHK (Democratic journalism, Election Reporting) ・Lecture by the House of Representatives or the House of Councilors (Public Relation by National Assembly)	Program Period	2012 / 9/ 2 ～ 2012 / 9/15
	Implementing Partner	Under Planning
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2012～2014
	Remarks and Website	

5. Peace - building

Capacity Development on Governance in Conflict-affected Countries
紛争影響国におけるガバナンス能力強化

Group 1280251
Solution New

Target Countries :

10 participants

Sector :Peace-building/Governance

Sub-Sector :

Language :English

Appeal

It is crucial for the country leaders in conflict-affected countries to have clear and distinctive images of improvement of the governing system (such as legal system, media and public relations). The target countries are conflict-affected ones which JICA supports in the governance field. The course also aims to build network with relevant institutions related to JICA's on-going cooperation in those countries.

Objective/Output	Target Organization / Group
【Objective】 To improve the comprehension of the participants with reference to the governance in order to enhance the policy formation and implementation capacity for more stable state building process. 【Objective for each unit】 1.To understand the current situations of the governance structure of the participants' countries and issues of the governance in conflict affected countries. 2.To obtain the concrete images on how the state should be for a better functioning. 3.To understand Japanese governance structure, relations between administrative, legislative and juridical authorities and those between central and local governments, to extract the lessons which can be referred to strengthen the national functions of the own state, and to apply the lessons to resolve the issues of the own country. 4.To review the state imagery which each country aims for, considering the roles, competence and inter-relations among different authorities, and elaborate the policy recommendations. 5.The draft of policy recommendation will be shared in the organizations and the implementation of the recommendation will be taken into account.	・Central government (Office of the President, Cabinet Office, Ministry of Justice, Interior Ministry, etc.) ・Directors for 2012, Mid-careers for 2013 and 2014 ・Have 10 years of experience in the above targeted organizations ・Expected to involve in the field for three years after the training

Contents		
【Preliminary Phase】 Formulation and submission of Country report 【Core Phase in Japan】 1. To clarify the current situations of the governance structure of each country and issues of the governance in conflict affected countries and share the examples by presentation of the country report. 2. Introduction to peace building, Introduction to governance, Governance structure of the world and the actuals. (Lecture/Observation) 3. Japanese governance structure, relations between administrative and legislative authorities, Japanese administrative system and the actuals, Japanese legislative system and the actuals, relations of the state and mass-media in democratic countries, comprehension of the relations between the central and local governments. (Lecture/Observation) 4. Draft of Policy Recommendation Plan 【Finalization Phase】 To share and utilize the knowledge acquired in Japan and submit the Progress report after 3 months upon return.	Program Period	2012 / 7/11 ～ 2012 / 7/25
	Implementing Partner	The Institute for Political Studies in Japan
	JICA Center	JICA Chugoku
	Cooperation Period	2012～2014
	Remarks and Website	

Development of Victim Assistance System for Victims of Wars and Armed Conflicts
紛争被害者のための支援システムの開発

Group 1280114
Solution Continuing
10 participants

Target Countries : Colombia, Sudan, Pakistan, Nepal

Sector :Peace-building/Assistance for Vulnerable People

Sub-Sector :

Language :English

Appeal

It's rare case to learn fundamental principles of Victimology.Common understanding should be shared in participant's organization for reaching the objective. Also getting look at the big picture of the impact to overall goal, completing of the durable action plan is contained on the phase in Japan. Thus, to enhance its capability, applicants should be applied from the same organization for three consecutive years.

Objective/Output	Target Organization / Group
【Objective】Formulation and approval by the sending organization of an Action Plan for Victims of War and Armed Conflicts. 【Outcome】1. Explain the status quo and problems of existing assistance programs for victims of wars and armed conflicts in connection with their working field and tasks in their country. 2. Understand the basic concepts of Victimology and Victim Assistance as means of change for victims of wars and armed conflicts. 3.Understand the basic structure of victimological thinking in terms of crisis response, service delivery and effective intervention and be able to apply this to capacity development in their respective countries. 4.Understand basic knowledge of data collection and statistical analysis and be able to apply this knowledge in the development of policy for victim assistance in their respective countries. 5.Accurately describe and analyze the current status of any existing intervention programs for victims of wars and armed conflicts in their respective countries based upon the knowledge obtained through study tours. 6.Within the context of their respective countries, analyze the overall societal response to victims of armed conflicts from the perspectives of victim rights and victim's needs,psycho-traumatology and health,justice,and social inclusion needs 7. Action Plan to achieve an aim	Central and local government agencies which formulate policy and implement measures for victims of wars and conflicts assistance.

Contents		
Module1. FORMULATION OF INCEPTION REPORT Module2. CONCEPTS OF VICTIMOLGY : The Science of Victimology etc. Module3. CONCEPTS OF VICTIMOLGY : Dynamic Perceptions of Victimology etc. Module4. CONDUCTING VICTIMIZATION SURVEYS AND PROGRAM & POLICY DEVELOPEMNT FOR VICTIM ASSISTANCE: Survey Methodology in Victimology etc. Module5. ASSISTANCE PROGRAMMES FOR VICTIMS OF ARMED CONFLICT: JAPANESE & INTERNATIONAL EXPERIENCES: United Nations High Commissioner for Refugees (UNHCR) Module6. SOCIETAL REACTIONS TO THE RIGHTS AND NEEDS, HEALTH NEEDS, SOCIAL INCLUSION AND THE NEEDS AND JUSTICE OF VICTIMS: Overview of Mechanisms Required to Meet the Special Needs of Victims of Armed conflict etc. Module7. PROGRAM DEVELOPMENT AND PLANNING OF A DRAFT ACTION PLAN: Theoretical Framework of an Action Plan etc.	Program Period	2012/11/ 4 ～ 2012/12/12
	Implementing Partner	International Victimology institue, Tokiwa university
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2011～2013
	Remarks and Website	http://www.tokiwa.ac.jp/~tivi/english/index.html

6.Social Security

Leadership Training for Deaf Persons -Empowerment of Deaf Organizations-
聾者のための指導者 ～当事者団体強化～

Group 1280030
Solution Continuing
8 participants

Target Countries :

Sector :Social Security/Support for Persons with Disabilities

Sub-Sector :

Language :International Sign Language

Appeal

This training course targets leaders of organizations for deaf people. It aims at their capacity development to enhance the organizations and activities for the empowerment and mainstreaming of deaf persons, with a focus on management of the organizations. Being exposed to Japanese experience, and by comparing with their own situations, participants will have opportunities to analyze their current situation, challenges and way forward. They will be able to make an action plan to strengthen their activities and organizations.

Objective/Output	Target Organization / Group
[Objective] Action plan to strengthen activities to empower or mainstream deaf persons will be formulated and implemented. (The objective shall be achieved by the year of 2012.) [Outcome] To achieve this program objective, participants are expected to; 1) Acquire the Communication skills for international sign languages, 2) Understand the concept and current situation of deaf organizations and communities in Japan, 3) Understand the system of sign language interpretation, 4) Analyze and compare the situation of deaf people, communities and organizations of Japan and those of participants' countries, and make analysis on challenges and required actions, 5) Make action plan to strengthen or improve the activities to empower or mainstream deaf persons for implementation in participants' home countries.	[Target Organization] Self-help organization of the deaf which aims empowerment of deaf. (Affiliated organization of World Federation of the Deaf is prioritized) [Target Group] <Position> Member of self-help organization of the deaf <Experience> Experience as a leader of activities of the deaf <Others> To be person with hearing impairment with using sign language as a communication tool.

Contents

[Preparatory Phase] Participants will comprehend activities by previous participants and identify objectives to participate in the training (certain countries will have TV conference)

[Training in Japan]
・Participants will confirm vocabularies and other matters of International Sign Language to ensure the communication during the training program.
・Participants will learn basic Japanese Sign Language so that they can communicate with Japanese deaf people.
・Participants will understand the role of self-help organizations in welfare for deaf people; democratic management of deaf organization; standardization of sign language; sign language interpretation system, actual situation of deaf people's education, welfare, work and daily life.
・Participants will discuss about comparison of situation of participating organizations and Japan's situation; issues of participating organizations; issues in which international cooperation is needed.
・Formulation and presentation of action plan

[Final Phase] Participants and their organizations will have discussions on the action plan and make progress reports to JICA (some countries will have TV conference)

Program Period	2012/11/12 ～ 2012/12/15
Implementing Partner	Japan Federation of Deaf (JFD)
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	- Training will be implemented in international sign language -JFD Homepage http://www.jfd.or.jp/en/

Mainstreaming of Persons with Disabilities for African Countries
アフリカ障害者地域メインストリーミング研修

Group 1280237
Trainers Continuing
11 participants

Target Countries : Member countries of PAFOD

Sector :Social Security/Support for Persons with Disabilities

Sub-Sector :

Language :English

Appeal

【1】Effective program in Japan and Thailand：This course covers from general idea to practical and phased action plan by the combination of the program in Japan and Thailand.
【2】For the persons with disabilities by themselves： All participants are persons with disabilities. The program is conducted by a leading organization of the activities in this field as well as the main members are specialized persons with disabilities.

Objective/Output	Target Organization / Group
<Course Objective> To acquire adequate knowledge on measures and policies for persons with disabilities including international trend, and develop the strategies for promoting the Convention on the Rights of PWDs and the program of the second African Decade of Disabled Persons in respective countries. <Objective for each unit> 1. Obtain ability to explain to achievements and the problems of disability movement of own country objectively by comparing with Japan and other countries about disability policy and activities. 2. Understand the concept of the CRPD and obtain ability to explain challenges of its ratification. 3. Obtain ability to explain resources and policies needed for community living of PWDs. 4. Acquire information to explain what PWDs should do for the Second African Decade of DP. 5. Formulate an action plan to share expertise obtained in both Japan and Thailand with own organization, other disability community members, and concerned Government officials	<Target Organization> Pan-Africa Federation of the Disabled (PAFOD) <Expected Job Title> Leader of Disabled Peoples' organization Government Officials in charge of Social Welfare for PWDs <Expected Job Experience> Person with disabilities who has the experience of activities in national Disabled Peoples' Organization Government officials who are currently involved in Social Welfare for PWDs <Other Qualifications> Non-Disabled Persons and Government Officers are considered ineligible.

Contents		
The history of disability movement in Japan,Disability measures in Japan,Country report preparation,Reasonable accommodation,Disability and Development/he Convention on the Rights of Persons with Disabilities,Independent living skill training,Formation of cross-disability organization,Women with disabilities,Peer-counseling ,Accessibility check,Life of disability people in local Community, Activities of UN ESCAP ,Disability movement in Thailand Implementation of a regional program,Formulation of the Declaration,Independent living of people with disabilities in Thailand,Accessibilities in Thailand,Leadership training workshop	Program Period	2012 / 9/ 2 ～ 2012 / 9 / 23
	Implementing Partner	Japan National Assembly of Disabled Peoples' International (DPI-Japan)
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2011～2013
	Remarks and Website	

Economic Empowerment of Persons with Disabilities through a Community-based Employment Support
地域に根ざした就労支援による障害者の経済的エンパワメント

Group 1280284
Solution Updated

Target Countries :

11 participants

Sector :Social Security/Support for Persons with Disabilities

Sub-Sector :

Language :English/Arabic

Appeal

This program is designed to develop plans for employment support of PWDs to promote their independent living and social participation by creating job opportunities. To achieve this goal, the course is focused on linkage among related organizations to build support system and employment promotion by utilizing local resources through sharing experience of Okinawa, Japan, and participating countries.

Objective/Output

The course aims to clarify issues on employment of persons with disabilities and plan feasible activities for their improvement through case study on the process of vocational training, job matching, and stabilization and roles of related organizations in various type of employment including community-based workshop, small/medium sized enterprise, and self employment of PWDs.

<Objective>
Organizations(government, NGO, and PWDs group) in charge of employment support for *PWDs will have a suitable plan for promoting employment of PWDs in their community.

<Output>
(1)Analyze the roles, functions and network system of administrative organizations, NGO and PWDs groups through the case studies of Okinawa and Japan, and clarify the issues should be addressed by participating organizations
(2)Analyze the effective usage of community resources to achieve employment support for PWDs.
(3)Formulate a draft of action plan for an effective and feasible employment support program.

Target Organization / Group

<Target Organization>
Government(central and regional level), NGO, and PWDs group responsible for employment support program for PWDs

<Target Group>
(1) be engaged in supporting employment of PWDs
(2)Others: It is recommended to participate in the course more than two(2) persons per country with a combination of government officials and NGO/PWDs group.

Contents

The employment rate of PWDs in Okinawa region where the course is mainly conducted has exceeded the national average, despite its severe economic situation with the highest total unemployment rate in Japan. It proves effectiveness on unique measures of community based employment support for PWDs in collaborate with local small/medium sized enterprises taken in Okinawa. To share the experience, the contents of the course are emphasized on bottom-up approach utilizing community resources.

<Preliminary Phase in a participant's home country>
Formulation of Job Report

<Core Phase>
(1) Outline of welfare policy and employment support measures, Job coach, Roles and network system of government, NGO and PWDs groups
(2)Case study on employment of community-based workshop and local enterprises (specific approach towards different types of disability, adaptation in various types of business), Job placement and follow-up
(3) Community resource assessment, Drafting and sharing action plans

<Finalization Phase in a participant's home country>
Submission of the progress of action plan

Program Period	2013 / 1/ 9 ～ 2013 / 2/2
Implementing Partner	Under Planning
JICA Center	JICA Okinawa
Cooperation Period	2012～2014
Remarks and Website	・Participants: be related with JICA program will be preferable. ・This course will be held twice a year and the first will be done in Arabic for Jordan.

Development of Leadership and Networking of Persons with Disabilities
障害者リーダーシップ育成とネットワーキング

Group 1280430
Solution Continuing
10 participants

Target Countries :

Sector :Social Security/Support for Persons with Disabilities

Sub-Sector :

Language :English

Appeal

The program develops future leaders of organizations of/for PWDs. Participants learn about discrimination & human-rights issues & obtain skills in networking, management, fundraising, & regional-resource utilization. They experience cross-disability while training with interns who have disabilities different from their own, while Japanese instructors with disabilities provide them with role models to which they can aspire. The website www.jicafriends.jp provides ex-participants with follow-up.

Objective/Output	Target Organization / Group
<Course Objective> Participants learn the history & current agenda of Japanese disability movement from instructors with disability. The training broadens awareness of human rights & value of networking. To complete it, they design a project to raise disability awareness & strengthen regional, national & international networks in their country, & implement it after returning. <Objective for each unit> To acknowledge and accept one's own disability in order to support others To understand the problems in their own countries by becoming aware of what discriminations are, and by enhancing awareness of human rights To learn strategies that persons with disabilities can employ in order to participate in the policy-making process from the experiences of the Japanese. To acquire organization management skills To acquire skills of Regional / National / International Network building To design a feasible project plan, which the organizations of participants can implement	<Target Organization> Organizations of/for persons with disabilities, workshops, rehabilitation center and former participants' organizations <Expected Job Title> middle-management staffs <Expected Job Experience> 3 years' experience at disability organization <Other Qualifications> Persons with disabilities who are working at the same field more than 3 years in the future

Contents		
Peer Counseling/ Personal Report Presentation/Experience sharing with Japanese Leaders with disabilities/Leadership Training/Workshop on Abuse and Discrimination/ Disability Equality Training Convention on the Rights of Persons with Disabilities/Mobility Rights (Transportation accessibility and Universal Design) /The Promotion of Systemic Reforms for Persons with Disabilities/ Disability Discrimination Regulations /Discussion with Japanese Leaders with Disabilities/ Visit to Self-Help Group (Member organizations of JDF) / Workshop management/Activities of local organization of persons with disabilities, cooperation with local community/Activities and roles of Japan Disability Forum/The Asian and Pacific Decade of Disabled People/Individual training/Project plan writing/Presentation skill	Program Period	2012/10/10 ～ 2012/12/1
	Implementing Partner	Japanese Society for Rehabilitation of Persons with Disabilities
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2011～2013
	Remarks and Website	HP:JICA Friends http://www.jicafriends.jp/

Employment Promotion of Persons with Disabilities and Realization of Decent Work for All
障害者の雇用促進とディーセント･ワークの実現

Group 1280872
Solution Updated

11 participants

Target Countries :

Sector :Social Security/Support for Persons with Disabilities

Sub-Sector :Poverty Reduction/Poverty Reduction

Language :English

Appeal

By applying ILO Decent Work Agenda to people with disability, this program trains individuals who are committed to work on the two interlinked issues of ‘poverty’ and ‘quality of life of people with disability’. Participants will give insights into Japan’s policies and welfare systems for people with disability, to reflect in works to improve job opportunities for people with disability in their countries.

Objective/Output	Target Organization / Group
【Objective】 Through the program the participants will identify factors preventing employment of persons with disabilities in their respective societies and seek ways to tackle the problem, which will be drawn up as a project plan. After returning to their countries, they will implement their project plans at their home organizations. 【Objective for each unit】 -To be able to explain the meaning of work, to understand obstacles to employment of persons with disabilities, and to develop possible solutions for the problem. -To learn about employment support and employment measures for persons with disabilities in Japan in comparison with those in the participants' countries. -To learn about multiple systems supporting persons with disabilities seeking employment in the mainstream job market in Japan. -To acquire organization/work-center management skills. -To formulate a feasible project plan to promote employment of persons with disabilities, which the participating organization can effectively carry out.	Civil Servants working in relevant fields, Directors of vocational training centers, NGO Managers 3-4 years' work experience and more than 3 years working at the same field in the future, Priorities are given to applicants with disabilities though having a disability is not a requirement.

Contents		
・World trends in employment of persons with disabilities ・ILO Conventions and Recommendations, UN CRPD ・Concept of Decent Work ・PCM and Self Advocacy ・Welfare services for persons with disabilities in Japan ・Site visits to a vocational rehab. center, a public employment security office, community workshops, etc. which support employment of persons with disabilities ・Support for employment in disaster affected area ・Roles of Social Security Office ・Job coach ・Site visits to private companies ・Facilitator Skill ・Workshop management (accounting, personnel management, production control, sales management, product development, customer relationship management, marketing etc.) ・Individual training ・Project plan writing ・Presentation skills	Program Period	2012 / 6/20 ～ 2012 / 8/4
	Implementing Partner	Japanese Society for Rehabilitation of Persons with Disabilities
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2012～2014
	Remarks and Website	A preference is given to individuals with disabilities.

Intellectual Disability in Community Activity
地域活動としての知的障害者支援

Group 1280956
Solution Continuing
10 participants

Target Countries :

Sector :Social Security/Support for Persons with Disabilities

Sub-Sector :

Language :English

Appeal

This program is designed for NGOs, CBOs and Local GO to find out a support system for Persons with Intellectual Disabilities (PWID) in their target area.

Objective/Output

Overall Goal:
Activity in a community to support PWIDs starts with the behavior change of local residents to the PWIDs.

Program Objective:
Action Plan, towards Community Approach for persons with intellectual disabilities (PWID),is formulated, shared among organization where the participant belongs to, and implemented.

Module:
①To recognize the importance of support system for PWIDs that can be carried out with the resource available in the community.
②To recognize that PWIDs enjoy Human Right as well as the others do.
③To understand that PWIDs can enjoy their life when community understand and support them, even in the case the services by the government are not enough. etc.

Target Organization / Group

This program is offered to executive personnel who are responsible for field programs for community development, social welfares (especially welfare for persons with disabilities), community health, or Community Based Rehabilitation (CBR) centers for persons with intellectual disabilities.

Contents

<Preliminary Phase in respective home country>
Preparation of Inception Report

<Core Phase>
In Japan
Lectures, Dialogues, Case Studies and Field Studies
Presentation of Inception Report
Management skills
Individual Trainings
In Cambodia Discussion and Field Studies
Submission of Action Plan

<Final Phase in respective home country>
Implementation of Action Plan
Report the progress

Program Period	2012 / 5/30 ～ 2012 / 7/28
Implementing Partner	Japan League on Developmental Disabilities (JLDD)
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Leadership Training Program for Future Leaders in Sports for Persons with Disability
障害者スポーツリーダーの養成

Group Trainers | 1280958 Continuing | 9 participants

Target Countries : Asian and Pacific Countries

Sector : Social Security/Support for Persons with Disabilities

Sub-Sector :

Language : English

Appeal

To assist trainees to contribute to the development in their countries by providing the opportunity to learn from the present status of Japan, one of the most advanced countries in Asia in sports for persons with disability (SfPwD).

Objective/Output	Target Organization / Group
Participants will understand how the sports for persons with a disability implicate the social participation of the persons with a disability, and learn the process how to pile up the specific countermeasures against the specific issues in their respective country. 1. To formulate an Inception report. 2. To learn organization theory and history. 3. To provide wide spectrum of opportunities of sports for persons with a disability. 4. To plan sports events and organization operation. 5. To discuss the possibilities of participation in international events. 6. To consider the possibility to introduce the Paralympic/IOSD sports and how. 7. To interact with persons with a disability through sports. 8. To implement the Action Plan and report its progress to JICA.	Target Organizations:National Government in charge of (Sports for) persons with a disability, and National (Sports) Organization for the disabled(i.e. National Paralympic Committee), National Center (for Sports) for the disabled. Target Groups:Person who is in charge of (1)National Government in charge of (Sports for) persons with a disability (2) National (Sports) Organization for the disabled(i.e. (3) National Paralympic Committee), (4) National Center (for Sports) for the disabled. (5) Sports instructors.

Contents

・Outline of national policy and system for persons with disability History and Outline of sports for the disabled in Japan
・Outline of Sports Center for the disabled in Japan
・Outline of license system of sports instructor for the disabled
・Outline of policy and activity for sports for the disabled in prefectural level
・Basic Understanding of Classification
・Sports practices in different disability sports
・Sports Experience Session by trainee itself together with persons with disability
・Observation of the National Sports Festival for the disabled
・Observation of the National Rehabilitation Center for the disabled
・Current movement of Paralympic Committee(IPC)
・Current movement on Paralympic Games
・Outline of Japan Paralympic Committee
・Mutual understanding among trainees
・Comparison between program content and situation in trainee's country
・Drafting of the Promotion Plan for trainee's country.

Program Period	2012 / 9 / 18 ～ 2012 / 10 / 31
Implementing Partner	Japan Sports Association for the Disabled
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Mainstreaming and Empowerment of Persons with Disabilities (PWD) in Central Asian Countries
中央アジア地域 障害者のメインストリーミング及びエンパワーメント促進

Region-Focused Solution | 1284035 Continuing

Target Countries : Central Asian Countries

9 participants

Sector : Social Security/Support for Persons with Disabilities

Sub-Sector :

Language : Russian

Appeal

This program aims at empowerment of PWD in Central Asia through learning the Japan's experiences in terms of social system for PWD and its organizational role.

Objective/Output	Target Organization / Group
【Program Objectives】Participating PMDs' organization will obtain ability to formulate concrete and feasible Action Plan to strengthening role of PWDs' organizations. 【Expected Modules Output】 (1)To learn the functions/roles and policies of PWDs' organization in Japan to obtain ideas to strengthen PWDs' organization in respective countries. (2)To understand the surrounding of PWD in Japan through observing / visiting PWD facilities and the applicability for Central Asia is finned out. (3)To understand roles of PWDs' organization and relationships with local government in Hokkaido and utilize the knowledge acquired in Japan to formulate Action Plan (4)To propose the concrete Action Plan which aims to enhance PWDs' organization	Staff member of PWDs' organization <Experience> at least 3 years in the relevant field <Age> from 25 years old to 40 It is not asked whether it is a PWD or not

Contents		
【Preparatory Phase】Submission of the country report,discussion, analysis, clarification of the issues/concerns on PWDs 【Lectures】 Systems for PWD in Japan, Convention on rights of the PWD, The Asian & Pacific Decade of Disabled Persons, The History of PWD, The functions and roles of PWDs' organization, Enlightenment activities for PWD needs and rights Best Practices of PWDs' activities 【Visit】 PWDs' organization, PWDs' facilities, Barrier-free facilities Observation 【Finalization phase】 Progress Report of Action Plan within three(3) months after the completion of the program in Japan.	Program Period	2012/10/15 ～ 2012/11/17
	Implementing Partner	Hokkaido Assembly of Disabled Peoples' International (DPI Hokkaido)
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2010～2012
	Remarks and Website	

Independent Living Activity of Persons with Disabilities in Central and South American Countries
中南米地域 障害者自立生活

Region-Focused Solution | 1284067 Continuing

Target Countries : Central and South American Countries

8 participants

Sector : Social Security/Support for Persons with Disabilities

Sub-Sector :

Language : Spanish

Appeal

This training targets "Independent Living of Persons with Disabilities" which aims persons with severe disabilities live in communities by their own decision with using personal attendants, in which persons with disabilities (PWDs) assume leading role as well as are service consumers.

Objective/Output	Target Organization / Group
【Course Objectives】 Rational and Realistic action plan about Independent Living Activity of Persons with Disabilities in participants respective countries will be formulated and shared among related personnel. 【Expected Module Outputs】 (1) Participants will be able to explain the present situation and issues of persons with disabilities in their countries (2) Participants will be able to explain the value and management method of Self organizations (3) Participants will be able to explain concept and practical method of Independent Living (4) Participants will be able to formulate action plans for issues of persons with disabilities in their countries	【Target Organizations】 -Self-organization of persons with disabilities 【Target Group】 -Member of self-organization of persons with disabilities -To have more than three years' experience of activities in self-organization -To be persons with disabilities

Contents

【Preliminary phase in home country】
Make the Country Report about the situation of the persons with disabilities in the participant's country

【Core phase in Japan】
(1) Presentation and discussion of Country Report
(2) Lecture on History and the present situation of self-help movement Observation
(3) Self organizations in urban area and rural area
(4) Independent Living Activity, Peer counseling, Relationship with government Observation
(5) Independent Living in urban area and rural area
(6) Practice: Experience of Independent Living
(7) Presentation and discussion of the Action Plan

【Finalization phase in home country】
Practice and of the Action Plan
Report of the progress of the Action Plan

Program Period	2012 / 9 / 3 ～ 2012 / 10 / 11
Implementing Partner	Mainstream Association
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Please note this training does not cover the improvement of ADL (Activities of Daily Life) or any medical treatment.

Promotion of the CBR Program in the Middle East II
中東ＣＢＲ事業促進 II

Region-Focused Trainers | 1284251 Continuing | 6 participants

Target Countries : Middle East Area

Sector : Social Security/Support for Persons with Disabilities

Sub-Sector : Social Security/Support for Persons with Disabilities

Language : Arabic

Appeal

In this program, participants learn not only the public support by the national and local government for PWDs, but also the CBR program which is conducted initiatively by the private association like "Association of Parents of PWDs" established by the parents and the family.

Objective/Output

【Objective】
Based on the philosophy of CBR, the participants would conduct pilot activities and disseminate the lessons learned to the other organizations so that the children and adults with disability would receive necessary care, equal opportunities and be fully included in the society.

【Expected Results】
(1)To understand CBR approach through the empowerment activity which involves PWDs and their families.
(2)To understand the various barriers which PWDs and their families face in the community.
(3)To understand the way of solution to remove the barriers which PWDs and their families face.
(4)To make a practical action plan for own country's CBR.

Target Organization / Group

【Target Organizations】
Private or public organizations which organize support center for disabilities, or relating organizations such as CBR center, CBR implementing agency, CBR administrative agency, Organization for disabilities and NGOs

【Target Group】
The person who actually organizes CBR related pilot programs on a local level. Also it is desirable if the applicants are a pair, one is a head of CBR center or a support center and the other is an administrative officer who supports his activity.

Contents

【Preliminary Phase】
The participants are required to make country report on the practice of CBR and critical issues concerning the care for persons with disability.

【Core Phase】
(1)Workshop for better understanding about the issue and course purpose
(2)Idea on CBR and community welfare in Japan
(3)Through-life support to the persons with disability
(4)The way of empowerment for the disabilities and their family
(5)Social resources available and their utilization
(6)Sports and recreation for the persons with disability
(7)Drafting a plan of actions

【Final Phase】
(1)Holding report meetings/ Revision, authorization and implementation of the plan
(2)Writing a progress report

Program Period	2012 / 6/18 ～ 2012 / 7/22
Implementing Partner	Non-Profit-Organization Society for International CBR Research and Training
JICA Center	JICA Hokuriku
Cooperation Period	2010～2012
Remarks and Website	This training course is not to coach the rehabilitation technique, it's to learn the social service technique to encourage PWD and their family participates to the community.

Improvement of the Social Welfare System
社会福祉行政

Group Leaders 1280907 Continuing

9 participants

Target Countries :

Sector :Social Security/Social Insurance/Social Welfare

Sub-Sector :

Language :English

Appeal

This program is designed for the senior officers to improve human resource development and levels of social welfare through experiences in Japan.

Objective/Output	Target Organization / Group
Core human resources for reducing poverty and improving social welfare administration will be developed in participants' department, agency, or organization. 1. To learn the current situation of welfare in participant's country report. 2. To understand administrative structure, outline, and historical background of Japanese social welfare system as well as to understand the current situation and agenda of Japanese social welfare system through on-site visit. 3. To understand mutually the agenda of social welfare system development, service providing situation, and human resources development of participating countries 4. To clarify the agenda of social welfare system of home country and to be able to consider measures by comparing situations between Japan and other participating countries. 5. After returning to home country, information and knowledge obtained in the training will be passed on to people related to social welfare administration in home country, and understanding of social welfare administration will be improved.	【Target organizations】 Administrative organs and other organs which are in charge of social welfare administration. 【Target groups】 1) be senior management and administrative officers (Director or Deputy Director) who are engaged in planning or management and extensive experiences in a full of range of the various aspects of the social welfare services in their countries. 2) Having more than 3 year experience in relevant field and more than 3 years working at the same field after returning to their home countries. 3)have a good command of English.

Contents		
(Before program) Writing report 【Lecture】 Basic philosophy of social welfare and their administration in Japan and Asian countries, Japanese Social Security System, Basic framework and administrative introduction of social security system in Japan, Human resources development in social welfare services, History of the Maternal, Child Health and Welfare, Child Welfare, Welfare and Employment for Persons with Disabilities, Welfare Services for the Elderly 【Visit】 Child Guidance Center, Home for Mother and Child, Rehabilitation Center and Vocational center for Person with Disabilities, etc. Lecture:Community welfare and activities by private sector, Current situations and problems of regional welfare, Public Assistance System, Function of the central and local government, Center for Mentally and Physically Handicapped Persons, 【Discussion & Exercises】 Review (clarity for problem and question in each country), Improvement plan preparation, Exercise presentation for the Social Welfare Administration	Program Period	2012 / 7/16 ～ 2012 / 8/11
	Implementing Partner	Japan International Corporation of Welfare Services
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

Improvement of Social Insurance System
社会保険行政

Group Leaders 1280912 Continuing

13 participants

Target Countries :

Sector :Social Security/Social Insurance/Social Welfare

Sub-Sector :

Language :English

Appeal

This program is designed for senior administrative officers to improve social security standard by introducing social insurance system in Japan.

Objective/Output	Target Organization / Group
To formulate improvement plan to enhance Health Insurance and Pension Insurance administration at their work or related Division, Department, Organization, and it will be shared and discuss at their work place. (1)The current situation and issues of the Health Insurance and Pension Insurance system will be shared among participating countries. (2)To understand the principal of Japanese Social Security System, Social Insurance System, Administrative Organization, Historical background, and systematic problems on the social security system will be organized. (3)To understand principal of Japanese Health Insurance System/Pension Insurance System, Administrative Organization, Historical background, and issues of the Health Insurance/Pension Insurance System development will be organized. (4)To formulate improvement plan for better management of Social Insurance system, and practicable plan will be shared and discussed at work place.	(1)be senior administrative officers (Director or Deputy Director) who are engaged in planning or administration of the social insurance services and have an adequate knowledge on the over all aspects in the social insurance services, (2)be expected to continue their careers in social insurance field

Contents

【Preliminary Phase】
To formulate country report

【Core Phase in Japan】
(1)Country report presentation
(2)Overview of social security system in Japan, Public assistance,Private insurance,Labor Insurance System,Long-term care and medical care for elderly, Visit: Social Insurance Agency, Japan National Council of Social Welfare, etc
(3)Historical background for the health insurance/pension system in Japan,
(3)-1 Medical Care Delivery System, Healthcare planning, Medical facilities, Medical reimbursement, National Health Insurance Div., etc.
(3)-2 Actuarial Affairs of the Pension System,Pension fund management,Corporation Pension,Income Security for the Elderly,Pension Fund Management,Trust bank
(4)Exercise for the Social insurance administration, Preparation for the presentation ,Presentation for the Social Insurance Administration

【Finalization Phase】
To formulate progress report

Program Period	2012 / 9 / 23 ～ 2012 / 10 / 13
Implementing Partner	Japan International Corporation of Welfare Services
JICA Center	JICA Tokyo(Human Dev.)
Cooperation Period	2010～2012
Remarks and Website	

Development of Employment Policy for Sustainable Economic Development and Improvement in Worker's Welfare
持続的成長と労働者福祉向上のための雇用政策立案

Group 1280021
Solution Continuing
11 participants

Target Countries :

Sector :Social Security/Labour and Employment

Sub-Sector :

Language :English

Appeal

This program aims to contribute to developing employment policy for sustainable economic development and improvement in worker's welfare through introduction of Japanese system and discussion among the participants.

Objective/Output

【Objective】
Finding solutions to the problems of labor administration (especially about establishing safety-net of employment, including relationship with human resource development and so on) through visit to Japanese labor administration and institutions, trade unions, employers' associations, and enterprises.

【Objective for each unit】
- To be able to explain the current situation and problems of participant's own countries.
- To understand the history of Japanese economic development, mechanism and features of Japanese employment/labor administration and labor market.
- To understand specific policies on social security systems, working rules, and expanding opportunities for human resource development.
- To recognize a concept and actions for sustainable growth of industry and companies; and progress in worker's welfare.
- Draw an action plan for expanding the result of this program.

Target Organization / Group

[Target organization] Employment policy administration, trade union and employers' association.

[Target group]
1. Mid-career officials in charge of employment policy administration
2. With more than 10 years of occupational experience in this field.

Contents

【Preliminary Phase】
Prepare Country Report on Current situation and problems of labor administration and labor market, and companies' policies (labor management etc.) and industrial relations.

【Core Phase in Japan】
[lecture and on-site study]
* History of Japanese economic development and concept of productivity movement.
* Mechanism of Japanese social security systems and employment/labor legislation.
* Feature of Japanese employment practice and labor-management relations.
* Unemployment benefit
* Human resource management
* Relationship between job placement, unemployment benefit and vocational training
* Company's policies of labor management and human resource development.
* Current situation of Japanese industrial relationships.

[group discussions/advice]
* Formulation and presentation of an action plan.

Program Period	2013 / 1/16 ～ 2013 / 2/2
Implementing Partner	Japan Productivity Center
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	≪Japan Productivity Center: Home Page≫ http://www.jpc-net.jp/

Occupational Disease Prevention and Working Environment Improvement
職業病予防と環境改善

Group Trainers | 1280222 Continuing | 3 participants

Target Countries :

Sector :Social Security/Labour and Employment

Sub-Sector :

Language :English

Appeal

This training course targets labor inspectors and other officials who implement and supervise occupational disease prevention and working environment improvement. Subjects include measurement and analysis of hazardous substances in factories and workers, and possible measures to mitigate the occupational diseases. Participants will consider measures to be taken in his/ her countries by learning and comparing the experiences of Japan. Lectures, practices and factory visits are included and there are a number of occasions for participants for practice and discussion.

Objective/Output	Target Organization / Group
<Course Objective> Participants will understand and compare their experiences in disease prevention and working environment improvement to those of Japanese, and consider effective measures and consolidate them into action plans for consideration and implementation in their countries. <Outputs in Japan> 1. Participants will be able to understand and analyze current situation of occupational disease and working environment in their countries, 2. Participants will acquire techniques for exposure measurements, monitoring and evaluation/ Participants will acquire methods for utilization and application of biological monitoring, 3. Participants will acquire technical measures to reduce hazardous substances in work environment, 4. Participants will acquire practical measures for occupational disease prevention and working environment improvements, consolidate them and formulate action plans which will be disseminated, considered and implemented in their own organizations.	<Target Organization> Governmental organizations/ relevant organizations in charge of supervising occupational disease prevention and working environment improvement, such as Ministry of Labor/ Social Welfare. Research institutes and associations in a position to publically support and promote the issues can be also considered. <Expected Job Title> Technical officials officially working at the Target Organizations described above who draft and implement policies, and supervise occupational disease prevention and working environment improvement.

Contents

<Preparatory Phase> Participants will prepare a country report which describes current situation and challenges

<Training in Japan>
1. Lecture and discussion on Japanese history, law and regulation, monitoring system including risk management for occupational disease prevention and working environment improvement,
2. Lecture and workshop on working environment measurement and evaluation methods / Lecture and workshop on exposure monitoring of hazardous substances, including development of monitoring, sampler, and analysis of metabolites by high performance liquid chromatography, gas chromatography, atomic absorption spectrometry etc.
3. Lectures and practices on effective measures to reduce hazardous substances in working environment such as central/ local exhaust ventilation systems, push-pull ventilation system, personal protective equipment and other good practices,
4. Formulation, discussion and presentation of action plans with other participants and lecturers

<Final Phase> Participants will make a report on progress of their action plans.

Program Period	2012 / 6/ 4 ～ 2012 / 7 / 28
Implementing Partner	Japan Industrial Safety and Health Association (JISHA)
JICA Center	JICA Kansai (I)
Cooperation Period	2011～2013
Remarks and Website	JISHA Homepage http://www.jisha.or.jp/english/index.html

Measures to Introduce OSHMS to SMEs
中小企業への労働安全衛生マネジメントシステムの導入政策

Group 1280274
Leaders New
20 participants

Target Countries :

Sector :Social Security/Labour and Employment

Sub-Sector :

Language :English

Appeal

Training on measures to introduce OSHMS (Occupational Safety and Health Management System) to SMEs, using the guidance note on OSHMS for SMEs which Japanese government has developed in cooperation with ASEAN-OSHNET.

Objective/Output	Target Organization / Group
【Objective】 Participants will understand the principle, mechanism and procedure of OSHMS, and be able to make a plan about the ways of introducing OSHMS to SMEs. 【Objective for each unit】 Participants will understand the principle and mechanism of OSHMS. Participants will understand the procedure of OSHMS including the procedure of Risk Assessment, and will be able to explain the procedures to other people as a lecturer. Participants will understand the practical method of OSHMS at workplaces. Participants will be able to make a plan about the ways of introducing OSHMS in their countries.	Officials of industrial accident prevention association responsible for OSHMS Government officials responsible for OSHMS policy The person who is now involved or has a possibility of being involved in introducing and establishing the OSHMS in the administrative body or in the accident prevention organization The person who has over 7 years of experience in the OSH field The person who has received college education or higher Has adequate English speaking ability and comprehension Younger than 50 years old in principle Mentally and physically healthy

Contents		
The principle and mechanism of OSHMS as well as accident prevention efforts including emergency correspondence such as earthquakes. Overview of the guidelines published by the MHLW. The procedure of OSHMS including the procedure of Risk Assessment. Background and effects of introduction of RA. Learning of the method of OSHMS including RA through exercises and group discussion Study visit to some workplaces which have already introduced OSHMS and have been making efforts for accident prevention including emergency correspondence such as earthquakes. Discussion with the OSH staff in the workplace Policy, measures and effects of introducing OSHMS to SMEs. Introduction of JISHA OSHMS Certification System with the fact that OSH level of the certified enterprises has been improved.	Program Period	2012 / 11 / 26 ～ 2012 / 12 / 7
	Implementing Partner	Japan Industrial Safety and Health Association
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2012
	Remarks and Website	

Policy Improvement of Industrial Safety and Health
労働安全衛生政策向上

Group 1280718
Solution Continuing
14 participants

Target Countries :

Sector :Social Security/Labour and Employment

Sub-Sector :

Language :English

Appeal

To transform Japanese advanced industrial safety and health preventive measures, policy, and the method to the developing countries.

Objective/Output	Target Organization / Group
【Objective】 To have participants envisage the action plan contributing to the advancement of the safety and health(S/H) level back in their countries; by understanding the Japanese advanced S/H measures, and through considering how they can improve the S/H measures by comparing it with that of their own countries. 【Outputs】 (1)To be able to recognize the basic industrial safety and health measures in Japan. (2)To be able to recognize methods of industrial safety and health measures practiced in Japan. (3)To be able to recognize the industrial safety and health measures practiced in Japan. (4)To formulate the Action Plan for practical and effective S/H for participants' countries taking into account their countries' situations and by making use of the knowledge obtained above.	【Target Organizations】 Governmental organization in charge of planning and administration of industrial/occupational safety and health policy. 【Target Group】 1. Staff of governmental organizations engaged in planning and administration of industry and occupational health and safety and who has experience of more than three years in the field. 2. Person who has knowledge of university graduates or equivalent 3. Person who has sufficient English speaking ability and reading comprehension 4. Under the ages of 50 years old

Contents		
【Preparatory phase(Before coming to Japan)】 Inception Report describing the problems regarding the industrial safety and health is developed by each country. 【Program in Japan】 (1)General Information on Industrial Safety and Health. (2)Various methods on S/H measures. (3)Actual implementation of Industrial safety and health measures. (4)Formulation and presentation of Action Plan. 【Post-program activities (After participants' return)】 Report the progress of Action Plan in 6 months.	Program Period	2012 / 9 / 25 ～ 2012 / 10 / 28
	Implementing Partner	Japan Industrial Safety and Health Association
	JICA Center	JICA Tokyo(Human Dev.)
	Cooperation Period	2010～2012
	Remarks and Website	

7.Transportation

Development of National Implementation Plan under the "ASEAN-Japan Action Plan on Environment Improvement in the Transport Sector"
「日アセアン交通分野における環境に関する行動計画」に基づく国別実施計画の策定

Group 1280018
Solution Continuing
12 participants

Target Countries : ASEAN 6 countries (Cambodia, Laos, Myanmar, Philippines, etc.)

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language :English

Appeal

This program is designed to develop environment implementation plans based on ASEAN-Japan Action Plan on Environment Improvement in the Transport Sector (AJ-APEIT) and to develop environment-friendly transport measures in ASEAN countries. It is expected to achieve the program objective through 3-years program, and this year (2012) is the third year of the whole program.

Objective/Output	Target Organization / Group
<Program Objective> Within three years of this program, the participating organizations are expected to develop the Final Draft of National Implementation Plan (NIP) in the transport sector in accordance with AJ-APEIT. During the period of the "Finalization Phase" of the third year (2012), the Final Draft of National Implementation Plan shall be developed by each country. <Expected Output> (1) To review the Second Draft of NIP by learning the Japanese advanced approaches. (2) To prepare a proposal for the Final Draft of NIP on each country (as an Interim Report of the third year (2012))	<Target Organization> Ministries/agencies being responsible for implementing AJ-APEIT and in charge of environment improvement measures <Target Group> (1) be government officials dealing with environment improvement measures, (2) preferably be involved in or be well aware of the objectives of AJ-APEIT, (3) preferably be the ex-participants of the program in 2011, (4) be in principle between thirty(30) and fifty (50) years of age,

Contents		
The contents of the third year (2012) of the whole program are as below. <Preliminary Phase> Preparation of presentation documents on the final version of the Second Draft of NIP <Core Phase in Japan> (1) Presentation on the final version of the Second Draft of NIP (2) Short presentation on successful experiences or success stories of implementing environment measures (3) Environment measures in the Transport Sector (NIP in transport sector in Japan, Environment measures and development of railway, Logistics and environment, Calculation and utilization of vehicle gas emission factor, etc.) (4) Group discussion (Review of the lectures) (5) Case study (Visiting facilities to observe the current situation and technologies related to the environment improvement in the transport sector in Japan), (6) Preparation and presentation on the proposal for the Interim Report (as Final Draft of NIP) <Finalization Phase> Make a presentation of Interim Report and develop to Final Report (final version of Final Draft of NIP)	Program Period	2012 / 8 / 26 ～ 2012 / 9 / 22
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	The participants who did not attend the program in 2011 are required to take over the output of the program in 2011.

Support for the Development of Vehicle Safety and Environment Regulations and Establishment of Type Approval System for Vehicles
自動車の安全･環境に係る基準･認証制度の構築支援

Group 1280154
Solution Continuing
9 participants

Target Countries : ASEAN countries

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language :English

Appeal

Japan has been proactively participating in WP29 activities by promoting international harmonization of vehicle regulations for addressing to the global issues such as reduction of GHG emissions and for realizing sustainable mobility societies in Asian countries. Japan is ready to provide useful advice and information and extend assistance to Asian countries which intend to accede to the UN Agreement so as to develop their vehicle regulations and others.

Objective/Output	Target Organization / Group
<Course Objective> Submission of a final report is expected, to include a roadmap towards the development of vehicle regulations and the establishment of type approval systems, as well as a detailed action plan on establishment of legal system and organizations and a process to accede to the UN Agreement is expected. <Objective for each unit> 1. Case studies on policies, institutions, and regulations of vehicles, including a process to accede to the UN Agreement and ways to perform technical tests to inspect vehicle in conformity with regulations 2. Extract effective measures applicable at home from Japanese cases	【Target Group】 This program is offered to government officials of ASEAN Member States who are capable of planning the establishment of type approval systems for vehicles as a responsible person among those who are in charge of assignment on safety and environment issues of vehicles.

Contents		
1. Preliminary Phase Create the country report 2. Core phase in Japan <Lecture> Legal Systems on Motor Vehicle Motor Vehicle Inspection/Registration Motor Vehicle Registration Business Periodical Checks and Maintenance/Repair Business/Qualified Mechanic System Motor Vehicle Assessment Motor Vehicle Type Approval System (Incl. Type Approval of New Technology Motor Vehicle Recall System Environmental Measures on Motor Vehicles Study on New Technology of Motor Vehicles Internationalization of Motor Vehicle Type Approval System <Site Visit> Motor Vehicle Registration Business Designated Garage Motor Vehicle Inspection Equipment Automotive Company Motor Vehicle Type Approval Test Procedures	Program Period	under planning
	Implementing Partner	JATA, Japan Automobile Standards Internationalization Center
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	

Colloquium on Urban Public Transport
都市公共交通コロキウム

Group 1280783
Solution Continuing
12 participants

Target Countries : Countries having cities with a population of 1,000,000 or more

Sector : Transportation/Capacity Development for Transport Sector

Sub-Sector : Urban/Regional Development/Urban Development

Language : English

Appeal

The training aims at enhancing public transport by promoting understanding on advanced Japanese system. By acquiring the knowledge on new tasks in the public transport such as environmental issues, utilizing public transport, safety, transport for disables, transferring system, IC cards, connectivity between different modes, the participants will formulate transport policies for solving issues and developing urban public transport.

Objective/Output	Target Organization / Group
<Program Objective> Proposals for improving the planning/administrative management of urban public transport are formulated against issues/problems currently tackling in their respective organizations. <Expected Output> (1) To analyze current status and major issues in urban public transport system in participants' countries. (2) To acquire comprehensive knowledge on urban public transport system in Japan. (3) To cultivate applied skill for applying the acquired knowledge to their countries and deliberate ways of improvement for solving issues. (4) To make proposals for improving the planning/administrative management of urban public transport to the respective organizations.	<Target Organization> Organizations in a city with a population of 1,000,000 or more, responsible for the formulation of urban public transport policies <Target Group> (1) have more than 5 years of professional experiences in urban transport planning and management (2) be administrative officers in charge of planning and implementing of urban transport polices in a city with a population of 1,000,000 or more (3) be in principle 45 years of age or under

Contents

<Preliminary Phase>
Preparation of Inception Report on policies, efforts, and issues on urban transport planning and projects in the respective countries.

<Core Phase in Japan>
(1) Overview of policy and planning related to urban public transport in Japan (Development of urban transportation facilities and systems, Japan's policy measure for urban public transportation, Procedure of urban transport planning, Environmental problems caused by urban transport and their evaluation, etc.)
(2) Particular subjects of urban public transport planning (Railway policy and situation, Road transport policy and situation, Traffic demand management in cities, Metro and bus business in metropolitan area, etc.)
(3) Case study (Site visits in both metropolitan and other cities)
(4) Preparation for proposals as Interim Report

<Finalization Phase>
Presentation of Interim Report and development to Final Report

Program Period	2013 / 1/16 ～ 2013 / 2/23
Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2011～2013
Remarks and Website	(1)This program is to make proposals for improvement of urban transport policy through discussions (colloquium session). (2)It is recommended to select the nominees from the organizations involved in JICA projects.

The Total Planning of Airport Construction, Management and Maintenance
空港の建設、運営･維持管理計画策定

Group 1280878
Solution Updated

Target Countries : 12 participants

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language :English

Appeal

"Outlook for Air Transport to the year 2025" published by International Civil Aviation Organization (ICAO) predicts the increase of aviation demands in the world. It is said that from year 2005 to 2025, aviation demands will increase 5.8 % in the Asia Pacific and Middle East, and 5.1% in Africa. Following this trend, airport development projects, new construction and expansion of existing airports, are scheduled in these regions. After the construction/expansion of the airport, efficient and effective management and maintenance are essential as well. Taking this opportunity, Japan initiates to promote 'The deployment of integrated infrastructure systems' in our partners countries. In this regard, this program offers participants and his/her organization the basic knowledge on construction, management and maintenance of the airport development, and the opportunity to make efficient airport development plans with professional consultation.

Objective/Output	Target Organization / Group
【Objective】 After this training, participants will propose airport development plan considering construction, management and maintenance, and the action plan proposed by participants will be recognized by the planning division of the organization participants belong to. 【Objective for each unit】 1. To summarize the current situation and challenge/concern on airport development planning in participating countries. 2. To learn and be able to explain the knowledge on airport develop plan considering construction, management and maintenance from the Japanese cases. 3. To formulate the draft airport development plan based on the situation and challenge/concern in participating countries. 4. To formulate and share the action plan among participants and in the participating organizations.	【Target Organization】 Aviation bureau of central or local government, airport companies in charge of airport development. 【Target Group】 1. Officers in charge of planning, management and maintenance of airport development. 2. With more than 5 years of occupational experiences in the division of airport planning, management and maintenance, and will be in same occupation more than 3 years after the participation on this program. 3. Have a good command of speaking and writing English.

Contents		
Preliminary faze 1.Preparation of Country Report on airport development. Core Phase in Japan 1. Lectures, observations, and discussions on followings will be conducted. * Presentation and discussion of the country report. * Aviation policy (open sky, metropolitan airport developments. * Airport Planning (elemental planning, public involvement). * Airport Management and maintenance (total management of primary facilities and terminal, PFI&PPP, maintenance of facilities, eco airport). * Latest technology (against earthquake and tsunami). 2. Formulation, presentation and discussion of the draft action plan, including the airport development plan. Finalization Faze 1. Presentation and discussion of the draft action plan among the stakeholders in respective countries. 2. Submission of the progress report.	Program Period	2012 / 8/26 ～ 2012 /10/6
	Implementing Partner	Under Planning
	JICA Center	JICA Yokohama
	Cooperation Period	2012～2014
	Remarks and Website	

Comprehensive Bridge Engineering
橋梁総合コース

Group 1280948
Solution Continuing

Target Countries :

14 participants

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :Transportation/Capacity Development for Transport Sector

Language :English

Appeal

This training course is implemented by the implementing partner in charge of construction, maintenance and repair of bridges. The result of the training will be reflected into the solution of issues of participants' countries. The training program is designed to meet the expected module outputs. Before coming to Japan, participants will make a country report to summarize the problems of bridges in their countries and participate in the training proactively.

Objective/Output	Target Organization / Group
【Program Objective】 To improve the capacity of bridge engineering in Recipient Country, contributing to efficient and effective social infrastructure improvement. 【Module Outputs】 Participants can understand and explain the following: (1) design of bridges (acquisition of design technique using software is NOT included in the course objectives) (2) construction and construction supervision of various types of bridges (RC, PC and steel bridges) (3) maintenance and repair of various types of bridges	<Target Organization> Competent government agencies or governmental organizations responsible for bridge engineering (design, construction/construction supervision, maintenance and repair of bridges). <Expected Job Title> Engineer currently engaged in bridge engineering (design, construction/construction supervision, maintenance and repair of bridges) <Expected Job Experience> preferably with five(5) - fifteen (15) years of work experience (3 years or more in bridge designing desirable),

Contents		
【Preliminary Phase in Participants' home countries】 Formulation and submission of Country Report Collection of data and preparation for report presentation 【Core Phase in Japan】 Lectures, practices, site visits and discussion on the following subjects. (1) Bridge Planning in Japan (2) Design and Construction of Substructures (3) Design and Construction of Concrete Bridges (PC and RC Bridges) (4) Steel Bridges (5) Bridge Accessories (6) Bridge Maintenance and Repair (7) Preparation and presentation of Training Reports 【Finalization phase in a participant's home country】 Participants and their organizations revise and implement the action plan for improving construction, maintenance and repair of bridges.	Program Period	2012 / 9 / 24 ～ 2012 / 11 / 3
	Implementing Partner	Honshu-Shikoku Bridge Expressway Company Limited (HSBE)
	JICA Center	JICA Kansai (II)
	Cooperation Period	2011～2013
	Remarks and Website	http://www.jb-honshi.co.jp/english/index.html

Road Administration
道路行政

Group Leaders 1280949 Continuing

19 participants

Target Countries : Low-Income and Lower Middle-Income Developing Countries

Sector : Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language : English

Appeal

This program is designed to enhance capacities of road planning of the middle-level officers at governmental agencies or government-related organizations responsible for formulation of road planning in the developing countries. This course is the only group training for planning the road networks and improving the road related administration.

Objective/Output	Target Organization / Group
To formulate an improvement plan of road administration. To achieve the objective, the participants' outputs are as follows: (1) Understand the process of road planning and points to consider thereof (2) Understand the effects of road development, the way to grasp them and the evaluation method of the project (3) Understand the process of road structure planning (including bridges and tunnels) and points to consider thereof (4) Understand road pavement, and (5) Propose an improvement plan of road network or technical standards in road sector.	<Target Organization> Central and local government or government-related organizations responsible for the formulation of road planning <Target Group> 1) Current Duties: be a mid-level officer in charge of road planning in central and local governments or government-related organization and expected to be assigned to the leading position in the future, 2) Educational Background: be university graduate specialized in civil engineering or the equivalent, 3) Age: 40 years old or younger

Contents		
Presentation : Country Report Presentation by Participants Lecture : Road Administration in Japan, Road Network Planning, Highway Economic Effects and Project Appraisal, Case study of Damage and Maintenance on Bridges, Road Structural Ordinance and others Exercise and Presentation: Road Network Planning Site Visit : Tunnel Construction Site, National Institute for Land and Infrastructure Management, Public Works Research Institute Observation : MLIT Technology Development Office, Pavement Maintenance Work , Traffic Control Center, Maintenance work of Akashi Kaikyo Bridge	Program Period	2012/11/ 7 ～ 2012/12/8
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism Infrastructure Development Institute
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Sustainable Port Development and Planning
港湾開発･計画

Group 1280978
Solution Continuing
21 participants

Target Countries :

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :Transportation/International/Inter-regional Transportation

Language :English

Appeal

Experts from the one of the highest qualified port research institute in the world provide the lectures from basic knowledge to the leading-edge research results of civil engineering, and instruction how to address the issues related to the port development and planning. The participants formulate action plan with knowledge acquired through training course and consultation with the above experts.

Objective/Output	Target Organization / Group
[Objective] Based on issues related to port development and maintenance (the cost effectiveness of port facilities, appropriate maintenance, effective use of existing facilities, reducing environmental impacts, and measures to cope with disasters), a feasible action plan will be formulated. [Outputs] 1) The issues related to the port development of respective countries are organized as Country Report with draft action plan 2) The participants understand the policy, institutional framework and present challenges of port development 3) The participants acquire the basic technical knowledge necessary for the planning of port development 4) The participants understand the present issues and trends of port development 5) The participants revise the draft action plan for the measures to address the issues of port development of each participant's country. 6) The participants discussed the revised action plan in their organization, and finalize the action plan authorized by their organization	1. be currently engaged in port and harbor-related activities with more than three (3) years of occupational experience as a technical staff 2. be university graduates in science and engineering field or have the equivalent educational history, 3. have a sufficient command of spoken and written English,

Contents		
【Preliminary Phase】 The issues related to the port development of respective countries are organized as report with draft action plan in advance. 【Core Phase】 Lecture: Policy/Institutional Framework of Japan, Design of Port Facilities, Wave Hind casting, Soil Exploration, Life Cycle Management, Maintenance of Facilities Observation : Port Planning/Promotion with citizen participation, Firm location in port (as case study of port development in combination of lecture and site visit), Leading container terminal and bulk terminal in Japan, On-going port development project Exercise : Port planning method, Design of port facility, Hydraulic experiment, Soil test 【Finalization Phase】 The participants discussed the revised action plan in their organization, and finalize the action plan authorized by their organization	Program Period	2012 / 6 / 3 ～ 2012 / 8 / 4
	Implementing Partner	Ministry of Land,Infra-structure and Tourism (MLIT),The Overseas Coastal Area Development Institute of Japan(OCDI)
	JICA Center	JICA Yokohama
	Cooperation Period	2010～2012
	Remarks and Website	

Strategic Port Management
港湾戦略運営

Group 1280981
Solution Continuing

Target Countries :

21 participants

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :Transportation/International/Inter-regional Transportation

Language :English

Appeal

Experts from Ministry, Port management body, Shipping Company and Consultant provides the lectures how to address the issues related to the port management and operation. The participants formulate action plan with knowledge acquired through training course and consultation with the above experts.

Objective/Output	Target Organization / Group
[Objective] To formulate a feasible action plan to address the issues relating to port management and operation (port management and operation system, Introduction of IT system in Port Management, International Competitiveness) [Outputs] (1) The issues related to the port management and operation of respective countries are organized as Country Report with draft action plan (2) The participants understand the policy, institutional framework and present challenges of port management and operation of Japan (3) The participants understand how to examine the methods and approaches for the strategic port management and operation with understanding of the present issues and trends of port management and operation in the world (4) The participants revise the draft action plan for the measures to address the issues of port management and operation of each participant's country. (5) After the participants return to their own country, they discuss the revised action plan in their organization, and finalize the action plan by obtaining approval of their organization	1. be university graduates or have an equivalent academic background. 2. be currently engaged in port administration and/or management works with more than eight (8) years of occupational experience in the field of ports and harbors 3. hold (or will hold in short time) an executive position in port administration or management 4. have a good command of spoken and written English,

Contents		
【Preliminary Phase】 The issues related to the port management and operation of respective countries are preliminary organized as Country Report with draft action plan in advance 【Core Phase】 Lecture from Ministry, Port management body, Shipping Company and Consultant:Port Development Policy/Institutional Framework of Japan, Management method of Container Terminal, Port Promotion Site Visit：Visit to Port with explanation of Port management body and Container terminal operator Exercise：Layout of Container Terminal, Tariff 【Finalization Phase】 The participants finalize the action plan for port management of respective country, after they go back to their countries	Program Period	2012/10/ 8 ～ 2012/11/17
	Implementing Partner	Ministry of Land,Infra-structure and Tourism (MLIT), The Overseas Coastal Area Development Institute of Japan(OCDI)
	JICA Center	JICA Yokohama
	Cooperation Period	2010～2012
	Remarks and Website	

Maritime Law Enforcement for Countries in Asia and surrounding Somalia
アジア･ソマリア周辺海域　海上犯罪取締り

Region-Focused　1284023
Solution　Continuing

18 participants

Target Countries : Countries plans to take measures for Maritime law enforcement

Sector :Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language :English

Appeal

This course aims to gain knowledge and techniques for the Maritime Law enforcement through lectures, visit, and practice (including boarding) based on cooperation from Japan Coast Guard. This course is targeting to commander level of practical site and month period. Quota: 18 members.

Objective/Output

<Course Objective>
The capacity enforcement of coast guards in Asia and the surrounding countries of Somalia and sharing the Improvement Plan in the participant's organization is achieved, and the international human network in the Maritime Law Enforcement area is strengthened.

<Objective for each unit>
①Basic Theories of Maritime Law Enforcement is acquired.
②Practical knowledge and techniques of Maritime Law Enforcement is acquired.
③Knowledge of the Japanese Maritime Safety system is deepened through site visits of related organizations.
④The Action Plan aimed to solve each countries problems is made and shared in the participant's organization.
⑤The human international network among the participating countries is enforced.

Target Organization / Group

<Target Organization>Coast Guard, Naval Police
<Expected Job Title>
Officers in charge of practical investigation

<Experience>
Longer than 3 years' experience in practical investigation

<Other Qualifications>Have sufficient English ability, be university graduates or equivalent, be 40 years of age or younger, ideally (for long course)

Contents

<Preliminary Phase> Formulation of report to present current situation in the participant's country

<Core Phase in Japan>
Anti-Piracy Countermeasures, International Law, Anti-Terrorism Countermeasures Maritime Drug Law Enforcement, Keynote Lecture(Latest Trends of Piracy in the world) Drill for Handling Investigation Equipment, On Board Training, Exercise for Suppression Technique, Table-top exercise for Piracy Countermeasures, Table-top exercise for Maritime Drug Law Enforcement, Courtesy Call (JCG HQ, 7th Regional HQ) ,Yokohama Base JCG Museum Annex (illegal boat), JCG Operation Room, JCG Research Center, JCG Academy, Kanmon Martis (VTC) , Fukuoka Airbase

Preparation for Action Plan, Action Plan Presentation (Discussion convention) , Country Report Presentation , Action Plan Presentation (Discussion convention), Closing Ceremony (Signing Ceremony)

<Finalization Phase>Implementation of the formulated plan, and report progress.

Program Period	under planning
Implementing Partner	Japan Coast Guard 7th Regional Headquarters
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	*This course is not designed for law officer. Participation of law officer is not recommended.

Seminar for Leading Coast Guard Officials in ASEAN Countries
アセアン地域 海上保安幹部職員セミナー

Region-Focused Int.Dialogue | 1284265 Updated

Target Countries : ASEAN Countries

10 participants

Sector : Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language : English

Appeal

Leading Coast Guard officials in each country of ASEAN exchange and share their opinions for common problems in the region, enhance knowledge and promote international cooperation.

Objective/Output

【Objective】
To improve capability and knowledge about common issues of Maritime safety and promote international cooperation in ASEAN.

【Objective for each unit】
1. To analyze knowledge and issues of own country's Coast Guard (Maritime safety organization).
2. To compare the difference of Maritime safety system between Japan and their own country.
3. To promote international cooperation on common issues of Maritime safety through sharing their opinions.
4. To develop an action plan to solve issues and promote international cooperation.

Target Organization / Group

【Target Organization】
Coast Guard

【Target Group】
・Leading officers of Coast Guard (Maritime safety organization)
・more than 3 years experiences in charge of major policy, capacity development, and the rest

Contents

1. Lecture and workshop: Lean issue analysis method, then analyze the knowledge and issues of their own country.
2. Presentation and discussion: Boost mutual understanding and relations through presentation and discussion.
3. Lectures: System of Maritime safety in Japan. Observations: Japan Coast Guard and the related organizations.
4. Seminar: Exchange and share their opinions for common issues, in order to promote international cooperation.
5. Preparation and presentation of an action plan.

Program Period	under planning
Implementing Partner	Japan Coast Guard
JICA Center	JICA Chugoku
Cooperation Period	2012～2014
Remarks and Website	

Improvement of Port Cargo Transport Efficiency for African Countries
港湾物流効率化（アフリカ地域）

Region-Focused Leaders | 1284340 New

Target Countries : African Countries

12 participants

Sector : Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language : English

Appeal

In Sub-Saharan Africa, there are many problems in distribution infrastructures of international corridors, as well as the institutional and operational arrangements which allow the infrastructure to function appropriate and effectively. This training course is focusing on improvement of the port cargo transport efficiency that is the issue of the ports as gateways of international corridors.

Objective/Output	Target Organization / Group
【Objective】 To enhance the capacity of the officer in charge of port planning or port administration for port planning, administration and operation 【Objective for each unit】 (1) To understand the present situation and the issues of Cross Border Transport Infrastructure both in the participant's country and Africa (2) To understand the measures to promote the efficiency of port cargo transport (3) To understand the port administration and operation system, port cargo transport and the measures for strengthening international competitiveness (4) To understand appropriate PPP introduction and measures to improve PPP conditions (5) To examine the measures to reduce the cargo dwell time of the port of participant's country	【Target Organization】 Port strategy and planning section of national government organizations, Port management authorities 【Target Group】 Officer in charge of the port planning and development,or port administration (especially related to the port cargo transport), at Port strategy and planning section of national government organizations, or port management authorities 【Nominee Qualifications】 1.be graduates in science and engineering field or have equivalent educational history, 2.be currently engaged in the port planning and development, or port administration with more than five (5) years of occupational experience.

Contents		
(1)-1 Present situation of regional distribution and international corridor (1)-2 Utilization of hinterland of the ports (1)-3 Analysis on the shipping company's selection of port of call (1)-4 Analysis of present situation of port cargo transport (1)-5 Structure analysis of the cost of port cargo transport (2)-1 Lectures/site visit on the approach from the hardware aspect (Efficiency improvement by infrastructure upgrading, long-term use of existing facility by LCC) (2)-2 Lectures/site visit on the approach from the software aspect (Port procedure simplification, coordination with the Customs, ICT) (2)-3 Others (3)-1 Japanese port system (3)-2 Measures for the strengthening international competitiveness (3)-3 Port security measures in Japan (4)-1 Framework of PPP in port sector (4)-2 Current trend, case study and evaluation of PPP (including concession) in port sector (5)-1 Presentation and discussion on the issues on cargo dwell time and present challenges to reduce it (5)-2 Identification of problems, examination of countermeasures (5)-3 Planning of business improvement proposal,presentation of action plan.	Program Period	2013 / 1/14 ～ 2013 / 2/5
	Implementing Partner	1.Ports and Harbors Buerau,MLIT 2.City of Yokohama 3.Others:Under Planning
	JICA Center	JICA Yokohama
	Cooperation Period	2012～2014
	Remarks and Website	

Development of Logistics System in Asian Region
アジア地域における物流システムの発展

Region-Focused Solution | 1284883 Updated

Target Countries : Asian Countries | 7 participants

Sector : Transportation/Capacity Development for Transport Sector

Sub-Sector :

Language : English

Appeal

Promotion of the cargo transport in the developing countries is an urgent necessity with consideration of the future prospect in those countries. The efficient and effective development of the logistic system is especially the key issue in developing this region. Japan and ASEAN countries established “ASEAN-Japan Transport Partnership Framework” in 2003. Under this cooperation mechanism, Japan and ASEAN countries have been promoting cooperation on various fields including logistics in this context.

Objective/Output

【For what? (Purpose)】
This training program aims at improving the ability to facilitate logistic system and to cope with the present situation of the field in the participant's respective country in Asian Region while enhancing the partnership between ASEAN countries and Japan.

【For whom? (Target)】
This program is offered to officials currently being engaged in policy making in the field of logistics system in Asian Region at the governmental or public organization.

【How?】
Participants will learn how to plan and develop the physical distribution of transport system.
(1) The program focuses on cargo transport as a total physical distribution system and
(2) The curriculum covers strategic thinking, planning & development, management of the transport, packing, handling, storing and information technology.
(3) They will also formulate an action plan at the end of the training period in Japan in order to improve the logistics system in their respective country and the whole Asian region.

Target Organization / Group

【Target Organization】 Governmental Organizations related to logistic system (in the field of land, water, air, IT)
【Target Group】
(1) officials of governmental or public organization, being engaged in logistics with a position to carry out Action Plan(deputy director class or equivalent),
(2) university graduates or equivalents
(3) have more than three years of occupational experience in logistics sector, excluding road construction, infrastructure maintenance, and traffic investigation,
(3)between 45 to 28 years of age, and
(4)proficient in spoken, reading and listening English

Contents

【Preliminary Phase in the participant's home country】 (April 10 to May 9)
(1) Solution development team is formulated in the organization the participant belongs to.
(2) Inception report is formulated as a result of the analysis of the problem the participant belongs to which is proceeded by the members of the team.

【Core Phase in Japan】 (May 10 to June 23)
(1) to extract and organize issues on logistics system in the country or in Asian region,
(2) to develop an action plan for the issues above, and
(3) to develop skilled person who are sharing common awareness of the issues in Asian region with Japan and other Asian countries, and can be a bridge of coordination on logistics issues.

【Finalization Phase in the participant's home country】(June 24 to September 23)
To implement an interim report 〈Action Plan)

《Participating organizations produce final outputs by making use of results brought back by participants. This phase marks the end of the Program.》

Program Period	2012 / 5/10 ～ 2012 / 6/23
Implementing Partner	Aichi Industrial Research Association
JICA Center	JICA Chubu
Cooperation Period	2012～2014
Remarks and Website	

Seminar on Aviation Security
航空保安セミナー

Group 1280318
Solution Continuing

Target Countries :

20 participants

Sector :Transportation/International/Inter-regional Transportation

Sub-Sector :

Language :English

Appeal

International community has continued efforts on safeguarding civil aviation against acts of unlawful interference. International community has made resolutions to cooperate and to intensify the preventive measures against acts of unlawful interference to the civil aviation. Although Strengthening security system is the most important to prevent the acts of unlawful interference to the civil aviation, many countries have been tacking with this challenges.
Considering such present situations, promotion of the international cooperation to strengthen training for aviation security is strongly requested in ICAO resolutions in July 1985, which decided the reinforcement of preventive measures against the acts of unlawful interference to the civil aviation. In this regard, this program offers the knowledge on the aviation security such as, international standards, security measures, security equipment and training, quality control and crisis management based on the experiences of Japanese aviation security.

Objective/Output	Target Organization / Group
【Objective】 Draft Action Plan on enhancing aviation security will be formulated by the participants, and will be shared with the stakeholders in respective countries. 【Outputs】 1. To deepen understanding of the importance of international aviation security by studying the Japanese and other states` systems and experiences. 2. To acquire basic knowledge of aviation security and security control systems practiced in Japan and other states as a reference. 3. To deepen basic knowledge of security equipment. 4. To identify aviation security problems in each participant's country, and seek the effective measures for them.	【Target Organizations】 Governmental bodies on aviation security and management of airport. 【Target Group】 1. Administrative officers in charge of the aviation security and management of airport. 2. Graduates degree or the equivalents with an academic background in civil aviation. 3. With more than 5 years of occupational experience in the field of aviation security. 4. Have a sufficient command of spoken and written English.

Contents		
[Preliminary Phase] 1. Preparation of Country Report on Aviation Security in each country. [Core Phase in Japan] 1. Lectures, observations, and discussions on followings will be conducted. * Structure and system of civil aviation in Japan, international aviation security low, outline of security measures for aviation by airports, airlines and forwarder, regulation and quality control for Aviation Security. * Countermeasures in the event of Hijacking, security screening at airport, preventive measures against acts of unlawful interference of flights by air carrier, training methods and subjects for security personnel including screeners. * Basic knowledge of explosives, new technologies for screening equipment and advanced screening system. 2. Development of the draft action plan, and its presentation and discussion. [Finalization Phase] 1. Presentation and discussion of the draft action plan among the stake holders in respective countries. 2. Submission of the final report on action plan.	Program Period	2013 / 1/15 ～ 2013 / 2/16
	Implementing Partner	Under Planning
	JICA Center	JICA Yokohama
	Cooperation Period	2011～2013
	Remarks and Website	

Hydrography for Charting, Disaster Prevention, and Environment Protection (Internationally Accredited Category B for Hydrographic Survey)
航行安全･防災･環境保全施策立案のための海洋情報整備（水路測量国際認定B級）

Group Leaders 1280713 Continuing

10 participants

Target Countries : coastal states

Sector :Transportation/International/Inter-regional Transportation

Sub-Sector :

Language :English

Appeal

It has been designated by FIG/IHO/ICA to issue category B certificates of hydrographic surveyors. All courses will be conducted in Japan.This course aims to improve the ability at hydrographic survey and nautical cartography and the capability to collect, maintain, and manage marine information. The ability of policy development with GIS will also be improved.

Objective/Output	Target Organization / Group
<Course Objective> The course aims to improve the ability to collect, maintain, and manage the marine information as the basic technique of charting, and the ability to utilize geographical information in marine policy development <Objective for each unit> 1) To acquire the hydrographic survey knowledge and techniques needed for preparing nautical charts, and to acquire International Accredited Category B for Hydrographic Survey certification. 2) To deepen the understandings for utilizing the bathymetric data from hydrographic survey for marine disaster prevention, charting and marine environmental protection, and to acquire the knowledge about the GIS.	<Target Organization>governmental organization for nautical cartography or hydrographic survey <Expected Job Title>Employed in a governmental hydrographic office or other relevant organization which is responsible for hydrographic surveys, <Expected Job Experience> Be technical college graduates or the equivalent with at least two years of occupational experience in hydrographic survey <Other Qualifications>Have obtained credits for two (2)-year course of mathematics and physics at least on the level of Technical College or equivalent educational institution

Contents		
Lectures conforms to the curriculum to acquire International Accredited Category B for Hydrographic Survey Field practices conforms to the curriculum to acquire International Accredited Category B for Hydrographic Survey Practice in processing hydrographic data and making original drawing of chart Lecture about the "Marine Information Clearinghouse", which is metadatabase for marine data and information in Japan, and about the framework and method to collect, maintain, and manage the marine data and information in Japan Ocean Data Center Lecture about the philosophy of GIS, how to use GIS application generally used around the world and practice in layering and expressing geophysical information Training of the method of collecting marine information needed in the policy planning, desktop simulation and discussion about the GIS base policy planning aiming the establishment of marine protected area etc.	Program Period	2012 / 6 / 5 ～ 2012 / 12 / 1
	Implementing Partner	Hydrographic and Oceanographic Department Japan Coast Guard Japan Hydrographic Association
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	The participants of this program are certified to International Accredited Category B for Hydrographic Survey. http://www1.kaiho.mlit.go.jp/

Advanced Maritime Education on Navigation Technology
情報技術応用海事教育(航海)

Group 1280743
Trainers Continuing
6 participants

Target Countries :

Sector :Transportation/International/Inter-regional Transportation

Sub-Sector :

Language :English

Appeal

To develop the marine technical expert having the technique of maritime safety and management based on information technology

Objective/Output	Target Organization / Group
【Objectives】 This program aims to improve the capacity of leaders of maritime education and to disseminate the knowledge and skills to participating organizations. 【Outputs】 (1) To understand the international maritime regulations, and explain the international background of safety navigation and the role of maritime education. (2) To understand the basic navigation technology, and apply the information technology for maritime education and safe navigation. (3) To conduct and evaluate the education and training for seafarers. (4) To make teaching materials and instruction manual for instructing maritime education and navigation technology by applying the information technology. (5) To plan, execute, evaluate and improve the maritime education and training based on teaching materials and instruction manual	1)Be engaged in maritime education concerning operation control of vessels in their countries. Lecturer of educational institution is most appropriate. 2)Experience: (a)have experience of service on the sea for 1 year or more, (b)have experience of maritime education for 1 year or more, and have equivalent knowledge and skill to (a) 3)Education: be a graduate of university or equivalent, have knowledge and skill equivalent to those required for 2nd or 3rd Grade Maritime Officer (Navigation), based on the '95 STCW treaty, have basic knowledge on RADAR-ARPA simulators and PC.

Contents		
1-1 The international maritime regulations and the navigation rules that were adopted by IMO, 1-2 ISM and PSC, 1-3 Maritime disaster control training by "Maritime Disaster Prevention Center" 2-1 The marine meteorology, the terrestrial and electronic navigation, the maritime information network, and the nautical information system, 2-2 Observation of the educational organization, operative facilities and the private enterprises 3-1 Radar/ ARPA simulator, ship maneuvering simulator and cargo handling simulator training, 3-2 GMDSS simulator and ECDIS simulator training, 3-3 Training on Board a training ship 4-1 Seminar on the theme of education and training methods and the current situation of marine transportation 5-1 Teaching practice using teaching materials and instruction manual prepared by participants, 5-2 Presentation of seminar	Program Period	2012/ 6/18 ～ 2012/11/29
	Implementing Partner	Marine Technical College
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	

International Maritime Conventions and Ship Safety Inspection
海事国際条約及び船舶安全検査

Group 1280977
Trainers Continuing
12 participants

Target Countries :

Sector :Transportation/International/Inter-regional Transportation

Sub-Sector :

Language :English

Appeal

This program is proposed to contribute to enhance the ship safety inspection, to secure the safety of human life and to preserve the global maritime environment by acquiring related requirements of the international maritime conventions.

Objective/Output	Target Organization / Group
【Objectives】 Technical knowledge on the related requirements of the international maritime conventions and the draft action plan which is formulated by participants to enhance the ship safety inspection will be shared with the stakeholders in respective countries. 【Outputs】 1. To understand the requirements and interpretation of international maritime conventions. 2. To understand the present issues and problems for the implementation of international maritime conventions in developing countries. 3. To understand the international/Japanese standard and the criteria of ship safety inspection. 4. To develop the draft action plan proposing practical method to solve the challenges.	【Target Organizations】 Governmental bodies on ship safety management. 【Target Group】 1. Official in the field of ship safety administration such as Ship Inspectors, but not as seafarer, harbor master, pilot, and consultant engineer etc. 2. Graduate degree in engineering or equivalents. 3. With more than 1 year experience. 4. Have a sufficient command of speaking and writing English.

Contents		
[Preliminary Phase] 1. Preparation of Inception Report on Ship Safety Inspection System in each country. [Core Phase in Japan] 1. Lectures, observations, and discussions on followings will be conducted. * IMO trend. * SOLAS Convention. * Visiting Shipbuilding Yards and Ship Machinery Companies. * Practical Training for New Ship Survey, Existing Ship Survey, PSC or Engine Survey. 2. Development of the draft action plan, and its presentation and discussion. [Finalization Phase] 1. Presentation and discussion of the draft action plan among the stakeholders in respective countries. 2. Submission of the final report on action plan.	Program Period	2012 / 5 / 13 ～ 2012 / 8 / 11
	Implementing Partner	Shipbuilding Research Centre of Japan
	JICA Center	JICA Yokohama
	Cooperation Period	2010～2012
	Remarks and Website	This program is also certified as IMO program. After the completion of program, certificates both from JICA and IMO will be issued.

Seminar on Port Facility Security for ASEAN Countries
アセアン地域港湾保安セミナー

Region-Focused Int.Dialogue | 1284123 Continuing

17 participants

Target Countries : ASEAN Countries

Sector :Transportation/International/Inter-regional Transportation

Sub-Sector :

Language :English

Appeal

Since the 2001 terrorist attacks, security measures related to international maritime transport has become an important international issue. The purpose of this seminar is to acquire the necessary knowledge to promote ASEAN countries port security measures. The training target is the port security personnel. This seminar will introduce International trends and latest technology related port security, and understanding SOLAS revision convention and its standards which required for ASEAN.

Objective/Output

[Objectives]
To understand importance of port facility security and to share issues of port facility security policy among ASEAN countries.

[Outputs]
1. To understand international conventions and initiatives on port facility security and acknowledge needs of port facility security policy as well as roles of contracting government.
2. To acquire basic knowledge and understand current act and security audit for the implementation of port facility security measures.
3. To acquire skills for the implementation of PDCA cycle in port facility security to improve port facility security of each country.

Target Organization / Group

[Target Organization]
National government organizations in charge of port facility security policy.

[Target Group]
1. to be university graduates in engineering field or have the equivalent educational history,
2. to have a sufficient command of spoken and written English,
3. to be an official of the government or a public entity currently in charge of port facility security (Preferable that the nomination of two candidates from each country is a pair of manager and officer in the same department.)

Contents

[Lectures]
Port Facility Security Policy in Japan, Trend of the International Organizations Related to Port Security, Port Facility Security Assessment and Planning in Japan, Port Facility Security Equipment, Communication Procedures, Maritime Security, Security Measures Related to Customs, Security Inspection and Audit in Japan.

[Exercise]
Country Report, Port Security Assessment and Planning, Table Top Exercise, Audit.

[Site visit]
Study trip to port and harbor in Japan.

Program Period	2012/11/25 ～ 2012/12/15
Implementing Partner	Under Planning
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	

Trunk Road Management and Maintenance
幹線道路の維持管理

Group 1280096
Solution New

Target Countries :

17 participants

Sector :Transportation/National Transportation

Sub-Sector :

Language :English

Appeal

The course mainly targets counterpart organizations of Japanese Loan cooperation project for road development. It is designed to strengthen capacity of the organizations for trunk road management and maintenance, by equipping their civil engineers with knowledge and skills required for survey, planning, daily and special maintenance techniques with due considerations for cost and quality.

Objective/Output	Target Organization / Group
【Objective】 Trunk road management and maintenance activities are improved in the target organizations 【Objective for each unit】 1) increase their understanding on road administration in Japan (5% of the total program) 2) increase their understanding on trunk road management and maintenance system in Japan and other countries (10%) 3) analyze strengths and challenges for the trunk road management and maintenance system in their organizations (15%) 4) enhance their basic knowledge on road management and maintenance such as road design and maintenance with due consideration for life-cycle cost and environment/ social impacts (10%) 5) enhance their basic skills such as survey, planning, daily and special maintenance (procurement, supervision, examination and disaster mitigation) (35%) 6) consider necessary measures to strengthen trunk road management and maintenance in their home countries and draft action plans in their organizations (25%)	Target: Civil engineers working as officials at governmental organizations in charge of trunk road management and maintenance. Civil engineers working as officials at governmental organizations in charge of trunk road management and maintenance activities (survey, planning and daily/special maintenance) with over 5 years working experiences at related area Priority will be given to the counterpart organization of Japanese Loan projects.

Contents		
●Lectures on road administration in Japan ●Lectures, exercise, SWOT analysis through workshops and discussions on trunk road management and maintenance system in Japan and other countries ●Presentation and workshop to analyze trunk road management and maintenance in participants' countries ●Lectures, exercise, site-visits and discussion on basic knowledge: (i) design, management and maintenance with consideration to life-cycle cost, social/ environmental impacts (ii) new techniques (bridges, road management and maintenance with innovative technologies) ●Lectures, exercise, site-visits and discussion on basic skills: (i) management and maintenance with quality and cost effectiveness (ii) quality control for road management and maintenance (iii) measures to institutionalize proper road management and maintenance etc ●Exploring necessary measures to enhance trunk road management and maintenance and drafting, presentation and discussion of action plan	Program Period	2012 / 8 / 13 ～ 2012 / 9 / 22
	Implementing Partner	Under planning
	JICA Center	JICA Kansai (II)
	Cooperation Period	2012～2014
	Remarks and Website	This training course will be implemented twice: (1) Aug/13/2012 ～ Sep/22/2012 (for Asia, Oceania and Central & South American Countries) (2) Sep/10/2012 ～ Oct/20/2012 (for Africa)

Road Management and Maintenance for Central Asian Countries
中央アジア地域 道路維持管理

Region-Focused Solution | 1284031 | Continuing

Target Countries : Central Asian Countries

12 participants

Sector : Transportation/National Transportation

Sub-Sector :

Language : Russian

Appeal

This training course is designed to learn road management and maintenance system including disaster prevention (snow and ice disaster, slope management, maintenance with ITS, asset management) reflecting the similarity between Central Asia and Hokkaido. The course leader and lecturers will have discussions to complement participants' understanding and provide personal coaching to each participants for making feasible action plan

Objective/Output

【Objectives】
The Action Plan, focused on the system and planning, based on the understanding the issues on the management of trunk roads in respective countries under the budgetary constraints shall be proposed and shared among the belonging organization.

【Outputs】
1) Road maintenance management system is reconsidered through understanding the case of Hokkaido.
2) Procedure of road management is reconsidered with the concept of "Life Cycle Management"
3) Appropriate maintenance management for inner city road is reconsidered.
4) Countermeasure against natural disasters such like snowslide and landslide is reconsidered.
5) Road problems in the cold areas are defined and reconsidered the countermeasure against them.
6) "Action Plan" is proposed to solve the road problems in own areas through applying the lessons learnt through this training program.

Target Organization / Group

【Target Organizations】
Organization responsible for road management, operation, and maintenance

【Target Group】
- engineer or administrator in charge of road planning and maintenance
- More than five (5) years' experience in the field of road planning, road maintenance, or road management.

Contents

[Pre-Training]
Preparation of Inception Report

[Training in Japan]
1) Framework of road maintenance and management(organization, budget, out-source, law)
2) Road design standard, Construction standard, Construction Management, Maintenance plan considering Life Cycle Cost, Repair work
3) Development and maintenance for inner city road, underground passage, snow-melting tank
4) Emergent operation against natural disaster, temporary repair work, case study
5) Countermeasures against disaster in ice and cold region(snowslide, frost heaven), pavement in cold area, construction in cold area
6) Country report presentation, discussion, Action plan making and presentation

[Post-Training]
Submission of the progress report within 6 months after the training in Japan

Program Period	2012/11/ 7 ～ 2012/12/15
Implementing Partner	Hokkaido Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	

Urban Road Management and Maintenance
都市内道路の維持管理

Group 1280242
Solution New

Target Countries :

9 participants

Sector :Transportation/Urban Transportation

Sub-Sector :

Language :English

Appeal

Inappropriate maintenance of urban road causes early deterioration, extraordinary traffic congestion and traffic accidents in developing countries. This course is expected to contribute to improve urban road maintenance and management system for smooth traffic and road safety through learning the preventive maintenance, maintenance and repair work, design and construction considering life cycle cost and so on.

Objective/Output	Target Organization / Group
【Objective】 To identify challenges for road safety and comfortable urban road maintenance and management, and formulate an action plan to resolve them. The action plan is discussed within his/her belonging organization and is implemented for improvement. 【Objective for each unit】 1.To understand the framework of urban road administration and the role of the related organization. 2.To understand planning for road safety and comfortable urban road. 3.To understand necessary approach on design and construction of safety road and comfortable road maintenance and management. 4.To understand urban road management and maintenance system considering asset management 5.To formulate an action plan to resolve the challenges within belonging organization facing on urban road. 6.To propose the action plan to the belonging organization and to be discussed. The progress report is submitted	【Organization】 In charge of planning, design, construction or maintenance and management of urban road 【Group】 Engineer in charge of planning, design, construction or maintenance and management of urban road. 【Experience】 More than 5 years of experience is desirable

Contents

【Pre-Training】
Preparation of Inception Report on the challenges of urban road maintenance and the role of his/her belonging organization
【Training in Japan】
Lectures, Observation, Discussion including the following topics are implemented:
- Law and regulations related to urban road
- Role of related organizations on urban road
- Framework of urban road administration
- Urban plan, Urban transportation plan of Sapporo, Public Involvement
- Counter measure for urban traffic jam
- Road Safety
- Management of outsourcing work
- Approach at construction site
- Approach on discharging water(sewage and drainage maintenance)
- Policy for road maintenance and management by asset management
- Theory of preventive management
- Implementation of road maintenance and management
- Practical repair work, Road ledger
- Formulation of Action Plan

【Post-Training】
Submission of Progress Report within half an year after the training in Japan

Program Period	2012 / 9 / 12 ～ 2012 / 10 / 13
Implementing Partner	Construction Bureau of Sapporo City
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2012～2014
Remarks and Website	

Environmentally Sustainable Urban Transport Planning
環境的に持続可能な都市交通計画

Group 1280844
Solution Updated

12 participants

Target Countries :

Sector :Transportation/Urban Transportation

Sub-Sector :Urban/Regional Development/Urban Development

Language :English

Appeal

This program is designed for central and local government officers to bring awareness and encourage introducing environmentally sustainable urban transportation system and city planning based on the concept of "green economy (reducing carbon emissions and pollution, and growing income and employment in local community driven by public and private investments)".

Objective/Output	Target Organization / Group
【Objective】 Approaches and directions to promote environmentally sustainable urban transportation system and city planning will be shared among planning officers in the participants organizations. 【Objective for each unit】 Understand actual approaches for environmentally sustainable urban transportation system and city planning conducted by central and local government. Understand the city planning based on the concept of "greening the urban economy". Set the direction of policies, programs, projects for promotion of environmentally sustainable urban transportation system and city planning. Develop action plan to promote environmentally sustainable urban transportation system and city planning in respective countries. Environmentally sustainable urban transportation system and city planning shall be examined and dissemination shall be implemented at participant's organization.	-Department of Public Transportation, Department of Environment, and Department of City Planning or other related agencies. -Middle ranking officer for Department of Public Transportation, Department of Environment, and Department of City Planning or other related agencies. -Have over 3 to 5 years of experience in relevant area.

Contents		
・approaches for environmentally sustainable urban transportation system and city planning conducted by central and local government in Japan. ・Urban planning and Green Economy ・Green Buildings ・Turning Municipal Waste into a Resource ・Sustainable Urban Transport ・ICT for Smart Cities ・Science, Technology and Innovation for Sustainable Cities ・Culture and Sustainable Cities ・Compile and organize own country issues though discussion. ・Drafting an action plan. ・sharing an action plan with her/his organizations.	Program Period	2012 / 6 / 27 ～ 2012 / 8 / 11
	Implementing Partner	United Nations Centre for Regional Development
	JICA Center	JICA Chubu
	Cooperation Period	2012～2014
	Remarks and Website	

Planning the Operation and Maintenance System for Urban Railways
都市鉄道の運営･維持管理体制

Group 1280951
Solution Continuing
14 participants

Target Countries : Countries with urban railway networks
Sector : Transportation/Urban Transportation
Sub-Sector :
Language : English

Appeal

This program is designed for urban railway companies to plan an operation and maintenance system suitable for their own country through understanding the importance of safety and efficient urban railway operation.

Objective/Output	Target Organization / Group
To propose Improvement plan of the operation and maintenance system suitable for recipient countries' urban railways, based on the understanding of the issues related to the operation of urban railways and the consideration of their present situations. 1. To be able to explain the importance of safe and efficient operation of urban railways. 2. To understand the operation and maintenance methods of urban railways in Japan. 3. To be able to propose an operation and maintenance system suitable for their own countries' urban railways. 4. To share their proposal among related personnel and consider its feasibility.	<Target Organization> Urban railways company, railways company that own urban railways, or any organization that a planning to run urban railways. <Target Group> 1 Managers /senior officers of the planning department of railway companies 2 More than five years' experience in the railways business

Contents

【At home】
Report making about the present situation in their own countries.

【In Japan】
・Lectures on the issues related to urban railways which are common in the developing countries, and presentations by trainees about the present situation in their own countries.
・Lectures on the characteristics of Japanese railway system which is superior in the safety and efficiency.
・Lectures on the organization/system of railway companies and their roles.
・Lectures on the methods how to approach for solving problems and how to draw up a plan, based on the experiences of railway companies.
・Lectures and site-visits on the methods how to operate and maintain the urban railways in Japan.
・Presentations by trainees and discussions for planning their future operation and maintenance system, based on the understanding of the issues related to the operation of urban railways and the consideration of their present situations.

【At home】
Presentation and discussion of the improvement plan in their own countries

Program Period	under planning
Implementing Partner	Ministry of Land, Infrastructure, transport and Tourism Japan Railway Technical Service
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	

Maintenance of Mountain Road
山岳道路の維持管理

Group 1280168
Trainers Continuing
10 participants

Target Countries :

Sector :Transportation/Rural Transportation

Sub-Sector :Transportation/National Transportation

Language :English

Appeal

This training is focused on maintenance of mountain road and aims to contribute to the capacity development of civil engineers in the related field. In this training program participants will have chances to observe precipitous mountain roads in Nara, Wakayama and Kochi prefecture as examples of Japan. The methods will be introduced in detail in lectures. Those methods shall be relevant for civil engineers in developing countries, especially counterparts of grant aid or yen-loan projects.

Objective/Output

【 Course Objective 】
Applicable technique, knowledge for maintenance of mountain road will be shared to engineers in participating organizations in charge of the related field.

【 Expected Outputs and Modules 】
1) Participants will be able to share and understand main issues and problems of each country.
2) Participants will be able to explain outline of road in Japan.
3) Participants will acquire technical knowledge which is needed for developing such as bridges and tunnels to maintain mountain road.
4) Plan to disseminate applicable techniques to the other engineers will be developed.
5) Participating organization will implement applicable techniques which participants acquired in Japan.

Target Organization / Group

(1)Target Organizations
This program is designed for governmental organizations in charge of maintenance of mountain road.
(2) Target Participants
Target participants of this course are Civil Engineers who are involved in maintenance of mountain road.
(3) Educational Background: Applicants should be university graduates or have the equivalent academic background in the field of civil engineering.
(4) Experience in the relevant field: Applicants should have more than 5 years' experience in the field of operation, maintenance of mountain road as civil engineer.
(5) Age: Applicants are recommended from 28 to 45 years old

Contents

【Preliminary Phase in Home Country】
Making Inception Report to analyze the issues and problems about mountain road maintenance in participant's organization and country.
【Core Phase in Japan】
1) Participants will be able to share and understand main issues and problems of each country <Presentation and Discussion of inception report>
2) Participants will be able to explain outline of road in Japan
Lecture: Overview of Mountain Road in Japan / Outline of road in Japan(Policy, System, etc.) / Overview of maintenance of Mountain Road in Japan.
3) Participants will acquire technical knowledge which is needed for developing such as bridges and tunnels to maintain mountain road
Observation and Practice: Root 309 (Mountain Road) / Lecture and Observation: Techniques for maintenance of Mountain Road
4) Plan to disseminate applicable techniques to the other engineers will be developed
Discussion and Observation: Techniques for maintenance of roads.
Practice and Discussion: Analyzing policy and techniques which are applicable in participants' organization.
5) Participating organization will implement applicable techniques which participants acquired in Japan. <Presentation on Dissemination Plan by each participant>
【Finalization Phase in Home Country】
Making final paper to report the progress of each action plan.

Program Period	2012/10/29 ～ 2012/12/15
Implementing Partner	Ministry of Land, Infrastructure and Transport, Kinki Regional Development Bureau
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Web-site for implementing Partner: http://www.kkr.mlit.go.jp/en/index.html

Flight Procedure Design (RNAV)
飛行方式(RNAV)経路設計

Group Leaders 1280744 Continuing

10 participants

Target Countries :

Sector :Transportation/Other Transportation Issues

Sub-Sector :

Language :English

Appeal

This program aims to acquire practical knowledge and technique for RNAV (area navigation) flight procedures design method based on the ICAO (International Civil Aviation Organization) PBN (Performance based Navigation) concept through the plenty of exercise in this course.

Objective/Output	Target Organization / Group
<Course Objective> To acquire enough knowledge and expertise to design RNAV flight procedures <Objective for each unit> (1) Understand quality assurance in RNAV of Japan. (2) Understand design standard of flight procedure design. (3) Acquire the operation skill of procedure design automated tools and be able to design flight procedure.	<Target Organization> Civil Aviation Authority <Expected Job Title> flight procedure designer, air traffic controller, RNAV qualified pilots, etc. who are engaged in flight procedure design. <Expected Job Experience> This program is offered to the personnel who have completed PANS-OPS basic training course or equivalent knowledge.

Contents		
<Lecture> Overview of flight procedure design Overview of PBN (Performance based navigation) Quality assurance (for flight procedure design) Geographic data and obstacle data <Exercise> PANS-OPS (Procedures for Air Navigation Service), 8 days Survey exercise, 1 day Design tool for flight procedure design, 3 days <Site Visit> Aeronautical safety college Air Traffic Management Center in Japan	Program Period	under planning
	Implementing Partner	NTT Data i Corporatiton
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	

Maritime Search and Rescue, Marine Disaster Prevention and Marine Environment Protection Course for the Officials for Maritime Safety Operational Level
海上保安実務者のための救難･環境防災コース

Group 1280807
Solution Continuing
15 participants

Target Countries : Countries have maritime safety agency/department/organization

Sector :Transportation/Other Transportation Issues

Sub-Sector :

Language :English

Appeal

Participants shall have opportunities to acquire skill and knowledge regarding maritime search and rescue, disaster prevention and marine environment protection through this program from Japan Coast Guard and other organizations which have sophisticated and technical ones as they operate actual responses.
Participants will also have a view of a solution through the methods to formulate an action plan, based on acquired ones; for capacity development of participants' and their own organizations.

Objective/Output	Target Organization / Group
<Course Objective> This program aims to realize the implementation of actions for improvement and/or solution of issues and problems about Maritime SAR, Marine disaster prevention and marine environment protection in participant's organizations which have a duty of SAR, disaster prevention and environment protection based on the action plan prepared by participants. <Objective for each unit> 1)To be able to clarify and understand the present situation, issues and problems of SAR, maritime disaster prevention and marine environment protection system of participants' agency and department.2)To be able to clarify and understand framework of Japan Coast Guard. 3)To be able to clarify and understand issues on international framework, knowledge and skills on maritime SAR.4)To be able to clarify and understand issues on international framework, knowledge and skills regarding maritime disaster prevention and method of combating oil, noxious and hazardous substances.5)To be able to clarify and understand issues on international framework, knowledge and skills regarding marine environment protection.6)To be able to formulate the action plan for solution of issues and problems on SAR, disaster prevention and marine environment protection system in participants' countries	<Target Organization>The duty agency on Maritime Search and Rescue,Marine Disaster Prevention and Marine Environment Protection.<Job Title>The officials for maritime safety operational level of the coast guard or equivalent organization which have a duty of maritime search and rescue and/or marine disaster prevention and/or marine environment protection.<Job Experience>More than five years' experience in the field of maritime SAR and/or marine disaster prevention and /or marine environment protection.<Other Qualifications>Age: be under fifty years. Educational Background: be graduate of university or equivalent. Health: must be in good health, both physically and mentally, to participate in the program.

Contents

●1)To understand and analyze the present situations of SAR, disaster prevention and marine environment protection system of agency and identify its issues and problems. To make and present a country report on the above mentioned topics.
●1)Lecture on framework about Japan Coast Guard. 2)Observation of Japan Coast Guard Academy.
●1)Lecture on knowledge about maritime SAR. 2)Lecture, exercise and observation of related facilities on actual SAR methods. 3)SAR Table-Top Drill.
●1)Lecture on knowledge about international framework, knowledge and skills to combat disaster related oil, noxious and hazardous substances. 2)Lecture, exercise and observation of related facilities on actual operations.
●1)Lecture on knowledge about international framework, knowledge regarding marine environment protection. 2)Lecture, exercise and observation of related facilities on actual operations including method of investigation, coordination between related organizations.
●1)Lecture and exercise on formulation of action plan for solution of issues and problems on SAR, disaster prevention and marine environment protection system.
2)Formulation and presentation of action plan for solution of issues and problems identified by each participant.

Program Period	2012 / 9/ 3 ～ 2012 / 10 / 24
Implementing Partner	Japan Coast Guard
JICA Center	JICA Yokohama
Cooperation Period	2011～2013
Remarks and Website	

8.Information and Communication Technology

Web Application Development (Open Source) for E-Government Promotion
電子政府推進のためのWebアプリケーション開発（オープンソース系）

Group 1280023
Solution Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

1) After learning knowledge of each subject, a workshop for developing Web application is offered at the end of this course to obtain practical skills.
2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered,incorporating role-play activities into lectures.
3) Implementation of the training participant's Action Plan is supported by experts through a variety of communication tools.

Objective/Output

【Objectives】
Issues in designing and developing a Web application system by using Open Source Software technology are directed to be solved for promoting computerization of organizations.

【Outputs】
(1) To explain collective knowledge on e-Government promotion.
(2) To practice human skills for team-working in ICT projects.
(3) To analyze business process and design a Web application system, using Unified Model Language (UML).
(4) To construct a Web application system on Open Source Software platform.
(5) To formulate an Action Plan to solve issues in business process of a project for developing a Web application system on Open Source Software platform.

Target Organization / Group

【Target Organizations】
Ministries and/or agencies in the central government and/or local government authorities

【Target Group】
(1) Officers in charge of Web application development with open source software.
(2) Have 2 years work experience of application development.
(3) University graduates or equivalent.
(4) Have basic knowledge of Linux.

Contents

<Preparatory phase (Before coming to Japan)>
Preliminary Study Sheet is made, which is required to describe missions, a job description, and issues and tentative solutions for the organization.

<Program in Japan>
Followings are subjects provided for each output mentioned above:
(1) Introduction to E-Government, Enterprise Architecture (EA), Business Process Reengineering (BPR)
(2) Leadership training, Negotiation, Presentation for dissemination
(3) Structured Analysis and Design, Object Oriented Analysis and Design, Website Interface Design
(4) Linux Basics and System Construction, PHP Programming and Database Application Development, MySQL Construction and Operation, Software Testing
(5) Workshop, Action Plan

<Post-program activities (After participants' return)>
Participants are expected to implement Action plan and submit progress reports at 3 months and 6 months later and final report at 12 months later.

Program Period	2012 / 8 / 29 ～ 2013 / 2 / 16
Implementing Partner	FUJITSU Limited and other 3 enterprises
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course.

Information Security for E-Government Promotion
電子政府推進のためのセキュリティ強化

Group 1280072
Solution Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

1) After learning knowledge of each subject, a workshop for formulating a security policy is offered at the end of this course to obtain practical skills.
2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures.
3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.

Objective/Output	Target Organization / Group
【Objectives】 Issues in those matters in organizations, mentioned below, are directed to be solved. - To formulate computerization strategies in a viewpoint of information security, - To formulate security policies along with the strategies, or - To ensure that security policies are observed 【Outputs】 (1) To explain collective knowledge on e-Government promotion. (2) To practice human skills for team-working in ICT projects. (3) To construct and operate a security system on a computer network. (4) To explain a framework of information security. (5) To formulate an Action Plan to solve issues in developing and operating information security management systems.	【Target Organizations】 Ministries and/or agencies in the central government and/or local government authorities 【Target Group】 (1) Officers in charge of security management in an organization. (2) Have 3 to 5 years work experience as an application or network specialist. (3) University graduates or equivalent.

Contents		
<Preparatory phase (Before coming to Japan)> Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization. <Program in Japan> Followings are subjects provided for each output mentioned above: (1) Introduction to E-Government, Enterprise Architecture (EA), Open Source Software, Security Basic (2) Leadership training, Negotiation, Proposal Documentation, Presentation for dissemination (3) Linux, Network basics, Construction of Internet Servers, Network Security, Firewall Construction, Measures against Illegal Access (4) Security Policies, ISMS, Information Security Audit, Risk Analysis on Information Security (5) Workshop, Action Plan <Post-program activities (After participants' return)> Participants are expected to implement Action plan and submit progress reports at 3 months and 6 months later and final report at 12 months later.	Program Period	2012 / 9/12 ～ 2013 / 1/24
	Implementing Partner	FUJITSU Limited and other 3 enterprises
	JICA Center	JICA Okinawa
	Cooperation Period	2011～2013
	Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course.

Information, Education and Communication (IEC) in Health Sector
保健医療分野におけるＩＥＣ活動

Group 1280075
Trainers Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :Health/Other Health Issues

Language :English

Appeal

1) Workshop for planning IEC program in health sector(HIV/AIDS prevention etc) utilizing Media is offered.
2) Focusing mainly on making strategies, planning, and management of budget and procurement, this training course is designed for training participants to be able to plan and send out IEC programs.
3) In order to realize participants' Action Plan, support staff will offer follow-up activities for six months.

Objective/Output	Target Organization / Group
【Objectives】 Methods of Media production and utilization of those products, which are applicable for IEC activities in the Health sector, are disseminated in participants' countries. 【Outputs】 (1) To enhance personal Media Information Literacy (2) To understand theories and methods for strategy development and planning for IEC activities (3) To understand theories and methods for production house management (4) To understand theories and methods for Media production (5) To understand utilization of Media for IEC activities from case studies in Japan	【Target Organizations】 Ministry or agency of health, a health department in local governments, or National or public Media agencies 【Target Group】 - Officers in charge of planning and management of dissemination, enlightenment and PR activities, or officers in charge of planning and management of visual contents production for dissemination, enlightenment and PR activities - Have experience of dissemination and enlightenment activities in the Health sector - Age: From 25 years old to 40 years old - Junior college graduates or equivalent

Contents		
<Activities in Preliminary Phase in home country> Identification of issues on IEC activities at own organization <Activities in Finalization Phase in home country> Followings are subjects provided for each output mentioned above: (1) Media environment optimization, Emerging Media and information management, Utilization of Media for effective presentation, Learning assistance by Media (2) International organizations and its rolls, Basics of data collection, Strategy for dissemination and enlightenment, Project evaluation, Action Plan (3) Outline of Media production, Media production management (4) Visual composition, Program production management, Script, storyboard and shooting plan, Logistics and budget management for media production, Basics for visual media production, Video coverage and shooting, Video editing, Media evaluation (5) Observation tour in Okinawa, Observation tour in Tokyo <Activities in Finalization Phase in home country> Participants are expected to implement Action plan and submit final report in 6 months later.	Program Period	2012/10/31 ～ 2013/ 2/15
	Implementing Partner	NHK International, INC.
	JICA Center	JICA Okinawa
	Cooperation Period	2011～2013
	Remarks and Website	Participants make an Action Plan to disseminate knowledge and skills obtained in this course.

System Management for E-Government Promotion
電子政府推進のためのシステム運用管理

Group 1280129
Solution Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

1) After obtaining knowledge of each subject, a workshop for formulating a system management policy is offered in the end to obtain practical skills.
2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures.
3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.

Objective/Output	Target Organization / Group
【Objectives】 Issues in system management in participants' organizations are directed to be solved. 【Outputs】 (1) To explain collective knowledge on e-Government promotion. (2) To practice human skills for team-working in ICT projects. (3) To conduct system management. (4) To formulate an Action Plan to solve issues in system management. (5) The Action Plan formulated through this course is shared in the participant's organization.	<Target Organization> Ministries and/or agencies in the central government and/or municipalities <Target Group> (1) Officers in charge of system administration or system audit (2) Have 3 to 5 years work experience of application development, system administration or system audit (3) University graduates or equivalent

Contents

<Preparatory phase (Before coming to Japan)>
Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.

<Program in Japan>
Followings are subjects provided for each output mentioned above:
(1) Introduction to E-Government, Enterprise Architecture (EA), Open Source Software, Security Basics, Project Management Basics
(2) Leadership training, Negotiation, Proposal Writing, Presentation for dissemination
(3) System Management Basics, Linux Basics and System Construction, System Management Design, System Management Policy, Management System Construction
(4) Workshop, Action Plan

<Post-program activities (After participants' return)>
Participants are expected to implement Action plan and submit progress reports at 3 months and 6 months later and final report at 12 months later.

Program Period	2012 / 8 / 29 ～ 2012 / 12 / 21
Implementing Partner	FUJITSU Limited and other 3 enterprises
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course.

Strategic Empowerment of Organizations for E-Government Promotion
電子政府推進のための戦略的組織力強化

Group 1280131
Solution Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :Governance/Administrative Institutions

Language :English

Appeal

1) A 3-year-package composing of computerization strategy
(1st year), project management
(2nd year) and application development
(3rd year) courses is offered, targeting the same organization for three years.
2) This training can be utilized as a small project or for a component of programs or projects which need empowerment of the ICT field, because it can empower each level of staff members systematically in each year.
3) The training of project management is offered as the 2nd year in this fiscal year.

Objective/Output

【Objectives】
The framework is formed in the target organizations, which is to facilitate making computerization strategies and promoting ICT projects in accordance with these strategies.

【Outputs】
(1) To explain collective knowledge on e-Government promotion.
(2) To practice human skills for team-working in ICT projects.
(3) To explain and practice Project Management Body Of Knowledge(PMBOK) according to the flow of an IT project.
(4) To formulate an Action Plan to solve issues in ICT project management.
(5) The Action Plan formulated through this course is shared in the target organization.

Target Organization / Group

【Target Organizations】
Ministries or agencies in a central government or local government authorities
*those organizations which can send participants to this course every year.

【Target Group】
(1) Officers in charge of management of ICT development projects.
(2) Have 5 years work experience as an IT architect/system analyst, or 2 years work experience as a project manager.
(3) University graduates or equivalent.

Contents

<Preparatory phase (Before coming to Japan)>
Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.

<Program in Japan>
Followings are subjects provided for each output mentioned above:
(1) Introduction to E-Government, Enterprise Architecture (EA), Business Process Reengineering (BPR)
(2) Leadership training, Negotiation, Presentation for dissemination
(3) Project Management, Project planning, Quality Control, Risk management
(4) Workshop, Action Plan

<Post-program activities (After participants' return)>
Participants are expected to implement Action plan and submit progress reports at 3 months and 6 months later and final report at 12 months later.

Program Period	2012/10/31 ～ 2013/ 2/19
Implementing Partner	FUJITSU Limited and other 3 enterprises
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course. In the third year, Web application development course will be offered.

IP Network Development and Management for E-Government Promotion
電子政府推進のためのIPネットワークの構築と運用管理

Group 1280137
Solution Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

1) After obtaining knowledge of each subject, a workshop is offered at the end of this course to obtain practical network skills.
2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures.
3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.

Objective/Output	Target Organization / Group
【Objectives】 Issues in developing, operating and managing network systems in organizations will be directed to be solved. 【Outputs】 (1) To explain collective knowledge on e-Government promotion. (2) To practice human skills for team-working in ICT projects. (3) To design, develop and manage network systems. (4) To formulate an Action Plan to solve issues in designing, developing and managing network systems. (5) The Action Plan formulated through this course is shared in the participant's organization.	【Target Organizations】 Ministries and/or agencies in a central government and/or local government authorities 【Target Group】 (1) Officers in charge of network management (2) Have 3 to 5 years work experience as an application or network specialist. (3) University graduates or equivalent.

Contents

<Preparatory phase (Before coming to Japan)>
Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.

<Program in Japan>
Followings are subjects provided for each output mentioned above:
(1) Introduction to E-Government, Enterprise Architecture (EA), Open Source Software, Security Basics, Project Management Basics
(2) Leadership training, Negotiation, Proposal Writing, Presentation for dissemination
(3) Network Basics, WAN Design, LAN Design, Network Security, Network Management, LAN Troubleshooting
(4) Workshop, Action Plan

<Post-program activities (After participants' return)>
Participants are expected to implement Action plan and submit progress reports at 3 months and 6 months later and final report at 12 months later.

Program Period	2013 / 3 / 13 ～ 2013 / 7 / 23
Implementing Partner	FUJITSU Limited and other 3 enterprises
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course.

IT Engineering Trainer in Public Institution
公的機関におけるIT技術トレーナー

Group Trainers | 1280239 Continuing

Target Countries :

8 participants

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

This course targets IT engineering lecturers and focuses on practical skills mainly in lecture/practice/observation centered in hands-on activities. To keep IT technologies have cross-sectoral availability in healthcare, education, agriculture and all. Job titles of participants are limited to lecturers and trainers, and they will acquire not only the latest IT technologies and knowledge but also effective pedagogy. The practical exercise includes their preparation of lesson plan, development a lesson in Role-play exercise and lesson review meeting. Participants will be assigned to hold a lecture, seminar or workshop after returning with utilizing the activities.

Objective/Output	Target Organization / Group
<Course Objective> The latest IT technologies and knowledge to apply to problem solutions in participants' countries are shared by students and engineers <Objective for each unit> 1)To learn versatile IT technologies and to acquire practical knowledge and skills to apply to participants' countries 2)To understand the use of IT human resource, the policies on human resource development and the relevant programs or activities in private sectors 3)To understand the concept, training and activities on IT human resource development in educational institutions 4)To understand the learner-centered curriculums and pedagogies and to implement the role playing practice 5)To analyze the problems in participants' organization and to prepare Action Plan to implement lectures/seminars/workshop after returning	<Target Organization> Governmental sectors and educational institutes as universities/ polytechnics in charge of IT engineers development <Expected Job Title> IT engineering lecturer or trainer in governmental institution or educational institution as university, college and polytechnic <Expected Job Experience> 3 years or longer experiences of IT lecturer or trainer

Contents

<Preliminary Phase>
To prepare Inception Report

<Core Phase in Japan>
1)PC & Network Operation, HTML Programming / e-learning, Open Source Technology, Server Setup, Web Design
2)IT human resource management in private company, IT Related Company & Production Plant
3)Hokkaido University, Hokkaido Polytechnic College, IT education in junior school/high school, The Board of Education
4)Pedagogies on IT, IT training curriculums in school, Role playing practice
5)Inception Report Presentation,Problem Analysis,Action Plan Consultation / Presentation

<Final Phase in participants' countries>
To hold a lecture/seminar/workshop and to submit Progress Report to JICA in 6 months.

Program Period	2012/11/21 ～ 2013/ 2/2
Implementing Partner	NPO Sapporo IT Front
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	

Fundamental Technology and Measures for E-Government Promotion
電子政府推進のための基盤技術と方策

Group 1280263
Solution New

12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

1) After obtaining knowledge of each subject, a workshop is offered at the end of this course not only to deepen the knowledge of DB utilized systems and its measurement to realize these systems, but to make a measurement to improve current situation of participants' organizations.
2) Subjects on human skills to facilitate negotiation with stakeholders and dissemination of knowledge are offered, incorporating role-play activities into lectures.
3) Implementation of training participants' Action Plan is supported by experts through a variety of communication tools.

Objective/Output

【Objectives】
In terms of E-Government promotion, the knowledge of DB utilized systems and its measurement to realize these systems is deepen, as well as, a measurement to improve current situation of participants' organizations is formulated.

【Outputs】
(1) To explain collective knowledge on E-Government promotion.
(2) To practice human skills to facilitate E-Government promotion project implementation.
(3) To gather, analyze and process data related to respective thematic issues.
(4) To plan, design, develop and operate DB utilized systems.
(5) To formulate an action plan for practical use of DB utilized systems to solve problems in respective thematic issues.
(6) The Action Plan formulated through this course is shared in the participant's organization.

Target Organization / Group

【Target Organizations】
Ministries and/or agencies in a central government and/or local government authorities

【Target Group】
(1)Officers in charge of DB planning, design and management
(2)Have 3 to 5 years work experience as an application or DB specialist.
(3)University graduates or equivalent.

Contents

<Preparatory phase (Before coming to Japan)>
Preliminary Study Sheet is made, which shows missions, a job description, and issues and tentative solutions for the organization.

<Program in Japan>
Followings are subjects provided for each output mentioned above:
(1) Introduction to E-Government, Enterprise Architecture (EA), Business Architecture, IT Architecture, E-Government promotion measures
(2) Leadership training, Negotiation, Proposal Writing, Presentation for dissemination
(3) DB Basics, Data Collection and Analysis, DB Design and Practical Exercise, Data warehouse Basics
(4) Performance Design, Reliability Design, Linux Basics and System Construction, DB Construction, DB Backup and Recovery, DB Tuning
(5) Workshop, Action Plan

<Post-program activities (After participants' return)>
(6) Participants are expected to implement Action plan and submit progress reports at 3 months and 6 months later and final report at 12 months later.

Program Period	2012 / 9 / 5 ～ 2013 / 1 / 30
Implementing Partner	FUJITSU Limited and other 3 enterprises
JICA Center	JICA Okinawa
Cooperation Period	2012～2014
Remarks and Website	Participants make an Action Plan to solve problems on their organizations utilizing knowledge and skills form this course.

Digital Video Production for Dissemination and Enlightenment
普及・啓発活動のためのデジタルビデオ教材制作

Group 1280855
Trainers Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

1) Workshop for planning dissemination video program is offered. The excellent work will be delivered to the Internet from JICA-Net library.
2) Focusing mainly on making strategies, planning, and management of budget and procurement, this training course is designed for training participants to be able to plan and send out programs for dissemination and enlightenment.
3) In order to realize participants' Action Plan, support staff will offer follow-up activities for six months.

Objective/Output

【Objectives】
Training participants will be able to produce and plan digital video programs and utilization of those programs for dissemination and enlightenment.

【Outputs】
(1) To enhance Media Information Literacy
(2) To understand theories and methods for strategy development and planning for dissemination and enlightenment
(3) To understand theories and methods for production house management
(4) To understand theories and methods for printed materials production
(5) To understand theories and methods for Media production
(6) To understand utilization of Media for dissemination and enlightenment from case studies in Japan

Target Organization / Group

【Target Organizations】
Ministries and/or agencies in a central government and/or local government authorities, or National or public Media agencies

【Target Group】
- Officers in charge of planning and management of dissemination, enlightenment and PR activities, or officers in charge of planning and management of visual contents production for dissemination, enlightenment and PR activities
- Have experience of dissemination and enlightenment activities
- Age: From 25 years old to 40 years old
- Junior college graduates or equivalent

Contents

<Activities in Preliminary Phase in home country>
Identification of issues on dissemination and enlightenment at own organization

<Activities in Core Phase in Japan>
Followings are subjects provided for each output mentioned above:
(1) Media environment optimization, Emerging Media and information management, Utilization of Media for effective presentation, Learning assistance by Media
(2) International organizations and its rolls, Basics of data collection, Strategy for dissemination and enlightenment, Project evaluation, Action Plan
(3) Outline of Media production, Media production management
(4) Planning for printed materials, Production for printed materials
(5) Visual composition, Program production management, Script, storyboard and shooting plan, Logistics and budget management for media production, Basics for visual media production, Video coverage and shooting, Video editing, Media evaluation
(6) Observation tour in Okinawa, Observation tour in Tokyo

<Activities in Finalization Phase in home country>
Participants are expected to implement Action plan and submit final report in 6 months later.

Program Period	2012 / 6 / 27 ～ 2012 / 10 / 16
Implementing Partner	NHK International, INC.
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants make an Action Plan to disseminate knowledge and skills obtained in this course.

Capacity Building for Developing Communication and Information Environment in Rural Community
地域情報発信能力強化

Group 1280953
Solution Continuing
9 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

This program aims to promote the distribution of information and contribute to the improvement of the digital divide in a rural area with understanding telecommunication network maintenance, ICT development strategy and network planning. To contribute to understand the digital divide improvement method deeply and make some practical tentative plan, the program is systematically constructed with the Information & Communication Technology theory and the practice works with the rural area the participants selected.

Objective/Output	Target Organization / Group
<Course Objective> To propose a solution for developing communications and an information environment in the rural area of the participants' countries. <Objective for each unit> (1)To review the current conditions and identify the issues in the communications and information environment in their respective countries. (2)To organize and analyze issues related to information in rural areas and acquire the means of information transmission through case examples. (3)To acquire a good understanding of outline and theories essential for developing communication and information environment in rural areas. (4)To acquire the practical skills of network planning to transmit information in the rural areas. (5)To formulate an Interim Report on developing communications and an information environment of a rural area in their respective countries taking into account feasibility.	<Target Organization> Departments of national and local government in charge of organizing the communications infrastructure and information society. <Nominee Qualification> (1)A technical and managerial level person involved in information communications of a relevant government institution or within the government. (2)Practical experience in Information & Communication Technology for more than 5years.

Contents

【Preliminary Phase】
(1)Submission of Inception Report
(2)Self-education of the basic theory of rural telecommunication network

【Core Phase in Japan】
(1)Inception Report Presentation
(2)Outline of Project Cycle Management Technique, Best practices of information, Building IP Network
(3)ICT Development Strategy: Global Challenge for Rural Community, Fundamentals of Photonic Networks, Mobile Systems Overview and GSM system, Cases of Universal Service Fund System, Best practices of Network building by IRU(Indefeasible Right of Use)
(4)Fundamentals of System Planning for Rural Telecommunications, Drill in Network Planning for Rural Telecommunications,
(5)Interim Report Presentation

【Finalization Phase】
Submission of Final Report; Reporting an Interim Report and obtaining feed-back, Gathering information which was insufficient and Finalizing the Interim Report as a final report

Program Period	2012 / 7 / 24 ～ 2012 / 9 / 8
Implementing Partner	The ITU Association of Japan, Inc.
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	

Telecommunications Policy and Regulations
電気通信政策

Group 1280954
Int.Dialogue Continuing
9 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

This program is designed for a director who manages policy or regulation making in ICT field. The program aims to contribute to an improvement of the provision of telecommunications service in each country with considering the role of the administration. A curriculum is conclusively constructed to share and improve participants' recognition of "Universal Service" through discussions and to learn the role-sharing among stake holders; central or local governments, service providers or academics with lectures and observations.

Objective/Output	Target Organization / Group
<Course Objective> To clarify the important issues that the policy-making and regulating authority should tackle in order to put the universal service into practice in a competitive market under the broadband environment. <Objective for each unit> (1)Learning the theories of telecommunications policies, and understanding the ideal situation of policymaking and regulation (from an academic standpoint). (2)Understanding the roles of the regulating authority in the competitive market, and sorting out the relevant issues (from the standpoint of the regulating authority). (3)Understanding the business strategies of telecommunications carriers in the competitive market, and considering how the regulating policies should be (from the standpoint of the telecommunications carriers).	<Target Organization> Governmental organizations in the field of telecommunications policy making or regulations sector. <Nominee Qualification> (1) Director or equivalent in charge of policy making or regulations in the telecommunications sector in a governmental organization (2) Have several years of experience in charge of telecommunications and have sufficient knowledge of the telecommunications sector (3) Be a graduate of a university or equivalent

Contents

This program is composed of lectures, discussions and observations.
The main topics are as follow:

(1) Country Report Presentation and Discussion
(2) The role of administrative organization in competition
(3) Pro-Competition Policy of Telecommunications
(4) Frequency Management
(5) Telecommunication infrastructure improvement in local government
(6) Universal Service Policy
(7) Business Management under Competition
(8) Submission of Action Plan
(9) Discussion on the "Universal service of Telecommunication"

Program Period	2012 / 6/19 ～ 2012 / 7/7
Implementing Partner	Foundation for MultiMedia Communications
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	This program is for senior officials.

Standardization Needed for the Deployment of Telecommunications Infrastructure
通信インフラストラクチャの構築のための標準化

Group 1280967
Solution Continuing
6 participants

Target Countries :

Sector :Information and Communication Technology/Information and Communication Technology

Sub-Sector :

Language :English

Appeal

The objective of this program is to contribute to deployment of telecommunication infrastructure with understanding standardization trend of ICT and learning knowledge of the latest policies, technologies and telecommunication services in Japan. This program is constructed with interesting lectures and study visits presented by government organizations and Japanese well-known companies, to contribute solving challenges in each country.

Objective/Output	Target Organization / Group
<Course Objective> To obtain knowledge for making an effective plan or policy to deploy telecommunication infrastructure through understanding standardization trend and the latest telecommunication policies and ICT. <Objective for each unit> (1)To obtain a better understanding of standardization and Japanese policies which are important for constructing telecommunication infrastructure. (2)To gain the ability to improve telecommunications systems and applications in their respective countries through obtaining a better understanding of the latest trends of ICT and application and services on the telecommunication networks. (3)To share and analyze issues concerning the deployment of telecommunication infrastructure faced by their respective countries, apply knowledge they have gained through the training, and plan their organization's activities they should undertake in the future.	<Target Organization> Governmental or Private careers and manufacturers or Governmental organizations in charge of ICT <Nominee Qualification> (1)ICT policy planners from government agencies in charge of ICT. (2)Preferably persons who engaged in standardization activity or deployment of telecommunication infrastructure. (3)Have work experience on information and communications for more than, five years (the longer you have work experience the better qualified you are).

Contents		
<Preliminary Phase> Formulation and submission of Country Report. <Core Phase in Japan> Attending lectures, study visits and discussion on following subjects (1)Standardization trend in the world, Japanese telecommunication policies, the latest Research and Development on ICT, advanced services on telecommunication network in Japan. (2)Visit to Japanese well-known companies and governmental organization to see the practical services and research & development (3)Group discussion <Finalization Phase> (1)Action Plan made by participant is shared in the organization and discussed from the standpoint of realization and implementation (2)The compilation of a Final Report and its submission to JICA Tokyo	Program Period	2013 / 1/ 9 ～ 2013 / 2/8
	Implementing Partner	Ministry of Internal Affairs and Communications
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Digital Terrestrial TV Broadcast (DTTB) Engineering
地上デジタルTV放送技術

Group 1280115
Trainers Continuing
9 participants

Target Countries :

Sector :Information and Communication Technology/Broadcasting

Sub-Sector :

Language :English/Spanish

Appeal

ITU has proposed that all countries should launch terrestrial digital broadcasting by 2015. This program aims to learn not only digital technology and theory, but also what moves are taking place to realize successful switch-over from analog to digital TV broadcast and what solutions have been done to tackle problems in Japan. These lessons will serve as guidelines for the engineers of each country aiming to realize digitalization of TV broadcast.

Objective/Output	Target Organization / Group
<Course Objective> To implement the broadcasting digitalization effectively in developing countries. <Objective for each unit> (1)To be able to explain the outline of digital broadcasting technology. (2)To be able to explain the advantages of a digital broadcasting system and make use of the knowledge for the planning and implementation of digitalization. (3)To share the knowledge and technique of digital broadcasting planning/operation in his/her organization after returning.	<Target Organization> Broadcasting organizations and related governmental organizations <Nominee Qualification> (1)Engineers, working at TV Broadcasting organization, who are in a position of leader of section or equivalent rank. (2)Have practical experience in TV engineering. Be in charge of planning /implementation of digitalization of the broadcast. (3)College or university graduates or have an equivalent technical knowledge of electronic engineering and fundamental knowledge about digital engineering theory.

Contents		
<Preliminary Phase> Formulation and submission of Inception Report. <Core Phase in Japan> (1)Fundamentals of Digital Theory(sampling, quantization, coding, transmission, modulation),Digital Broadcast Services,Digital Transmitter,Digital Terrestrial TV, Radio,Trend of Digital Broadcast. (2)Digital Transmission System(Analog/Digital Simulcasting),E-learning for Educational Broadcasts,Problems for Introducing DTTB,Disaster Newscasts,Overseas Transmission (3)Presentation of Action Plan for the participant's organization <Finalization Phase> (1)Action Plan made by participant is shared in the organization and discussed from the standpoint of realization and implementation (2)The compilation of a Final Report and its submission to JICA Tokyo	Program Period	2012 / 6/19 ～ 2012 / 7/28
	Implementing Partner	NHK Communications Training Institute
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	This program will be implemented twice for JFY 2012. The second one is scheduled from Sep.11,2012 to Oct.6,2012 in Spanish. (1st):8 participants (2nd):10 participants

Maintenance and Quality Management of Digital Studio Broadcast Equipment for Stable & Long-Life Operation
スタジオ放送機器の長期に渡る安定運用のための品質及び保守管理技術

Group 1280116
Trainers Continuing
12 participants

Target Countries :

Sector :Information and Communication Technology/Broadcasting

Sub-Sector :

Language :English

Appeal

The program is constructed with the learning of maintenance skills of digital studio equipment such as VTR, disc recorder, etc., management methods in consideration of technical requirement, and actual exercise of them. That systematical curriculum contributes to acquire the knowledge and skills for broadcasting equipment maintenance effectively in the developing countries. Enough exercise hours in this program allow the participants to acquire the practical experiences and skills so that they can utilize it actually in their own organization even after returning to their countries.

Objective/Output	Target Organization / Group
<Course Objective> Systematic and effective implementation of maintenance and quality management of digital studio broadcasting equipment in TV broadcasting stations in developing countries. <Objective for each unit> (1)To understand the concept of quality management of broadcast studio equipment systems, (2)To understand the outline of broadcast VTR and tapeless players/recorders to be able to service them periodically with the use of service manuals (3)To understand the broadcasting equipment management system by using a Management Software. (4)To share with the organization the Action Plan (the quality control method for broadcasting equipment systems) made by the participant and hold discussions towards realization and implementation as a Final report.	<Target Organization> Broadcasting organizations and its related governmental organizations <Nominee Qualification> (1) Engineers, working at Governmental or Government-related TV broadcasting organizations, who are in a position of leader of section or equivalent rank. (2) Engineer with practical experience and skill as a broadcast content creation engineer, or a person in charge of the quality or maintenance management of TV broadcast equipment.

Contents		
<Preliminary Phase> Formulation and submission of Inception Report. <Core Phase in Japan> (1) Quality management of broadcast studio equipment systems, Visit a broadcast station and broadcast equipment factory (2) Basic theory and format of VTR, Utilization of service manuals, Practice of parts replacement and adjustment for periodic maintenance of VTR, Overview of tapeless recording equipment and maintenance practice (3) How to make a budget plan for periodic maintenance, Operation and practice of maintenance management software for equipment and parts management <Finalization Phase> (1) Action Plan made by participant is shared in the organization and discussed from the standpoint of realization and implementation (2) Creation and submission of a Final Report	Program Period	2012 / 9 / 23 ～ 2012 / 10 / 27
	Implementing Partner	Sony Corporation
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	

Broadcasting Executive's Seminar
放送幹部セミナー

Group 1280952
Int.Dialogue Continuing
11 participants

Target Countries :

Sector :Information and Communication Technology/Broadcasting

Sub-Sector :

Language :English

Appeal

This program is designed to create new knowledge of broadcast administration, through acquisition of knowledge for Japan's policy and institutional trends, services, technology in the field of broadcasting.A curriculum is conclusively constructed to share and improve participants' recognition of "Digitalization of terrestrial TV broadcasting" and problem-solving strategies to diffuse DTTB service through discussions with the Japanese experts and other participants.

Objective/Output	Target Organization / Group
<Course Objective> To deepen their understanding of the roles of public broadcasting, diversification of the broadcast industry and trends affecting the industry's management frameworks and development of policies and laws as a result of diversification, and organize relevant issues and approaches in their own countries. <Objective for each unit> (1)To enhance their understanding of current policy, administration, legal systems,etc. in Japanese broadcasting as well as the history behind them. (2)To gain understanding of Japan's policies and methods pertaining to introduction of terrestrial digital TV broadcasting, the characteristics of Japan's terrestrial digital TV broadcasting system, and technical development trends with focus on TV broadcasting. (3)To enhance their understanding of the current conditions and future prospects of Japan's broadcast industry and broadcaster management. (4)To enhance their understanding of radio regulation policies that guarantee the legality of radio wave use, including TV broadcasting facilities improvement and broadcasting. (5)To organize solutions to issues in their own countries through discussion and then prepare individual reports.	<Target Organization> Governmental organizations in charge of policy making in the TV broadcasting sector, or public broadcasting organizations <Nominee Qualifications> (1)Directors general or above who are engaged in policy making in the TV broadcasting sector, or executive managers of public broadcasting organizations, or their equivalent, in principle. (2)Have several years of experience in a governmental organization in charge of TV broadcasting or public broadcasting organizations, and have sufficient knowledge of the TV broadcasting sector,

Contents		
This program is composed of lectures, discussions and observations. The main topics are as follow : (1) Country Report Presentation and Discussion (2) Development of TV broadcasting in Japan, Current situation and issues of TV broadcasting administration in Japan, Digitalization of terrestrial TV broadcasting in Japan, One-segment broadcasting service for mobile devices, ISDB-T (Technology) (3) The Ministry of Internal Affairs and Communications (MIC),broadcasting ethics & program improvement Organization, R&D institute,NHK(public broadcaster), commercial broadcaster(s), cable TV operator, (4) Discussion and submission of Individual report.	Program Period	2012/11/ 4 ～ 2012/11/17
	Implementing Partner	NHK Communications Training Institute
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	This program is for senior officials.

9.Natural Resources and Energy

Energy Policy
エネルギー政策

Group 1280049
Solution Continuing
12 participants

Target Countries :

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :

Language :English

Appeal

To understand the energy policy and situation in the world and Japan, and to support policy making based on the supply and demand assumption and energy balance.

Objective/Output	Target Organization / Group
【objective】 A Policy plan contributing to the formulation of energy policy based on each country's characteristics and issues will be formulated, and then shared and studied in the participating organization. 【outputs】 (1) Energy situation and issues in each country are shared among the participants and priority issues are examined. (2) Challenges in energy policy in each country are clarified through understanding and comparing changes and current status of energy situation/energy policies in Japan and the rest of the world. (3) Concepts and methods of energy supply-demand forecasting, energy balance and energy best mix are understood and their applicability in each country is examined. (4) A draft Policy Plan of specific countermeasures which contribute to solving challenges in each country is formulated.	【Target Organizations】 Governmental agencies such as Ministry of Energy or Industry, which are engaged in energy policy formulation. 【Target Group】 (1) be a managerial level official or its equivalent of governmental agency such as Ministry of Energy or Industry, which is engaged in energy policy formulation, (2) University graduate or its equivalent and more than 3(three) years of experience in the fields, (3) have a competent command of spoken and written English.

Contents		
【Preparatory phase in home country】 Prepare a Country Report describing the present situation of each country/organization and their problems. 【Core Phase in Japan】 (1): Country Report presentation (2): Energy demand forecasting in the world, The latest trends of CDM projects, Changes in lifestyle and energy demand and supply in Japan,Energy Policy in Japan (electric power, oil, coal, gas, energy conservation, renewable energy), Process to introduce Nuclear Power in Japan, Power plant site visit (thermal power plant, small hydroelectric power plant, renewable energy, bio-based fuel fabrication, energy-saving construction, heat supply) (3): Energy statistics, Energy Balance Table, Practice of survey technique for energy demand forecasting (4): PCM work shop, Policy plan making, presentation 【Finalization Phase in home country】 The actions described in the Policy Plan should be reviewed, authorized and implemented, and are reported as a Final Report.	Program Period	2012/ 5/ 6 ～ 2012/ 5/26
	Implementing Partner	The Institute of Energy Economics, Japan
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	(B)Course Program Period 2012/6/3～2012/6/23 (C)Course Program Period 2012/6/24～2012/7/14

Alternative Power Generation Technology for Low Carbon Society
低炭素化社会実現のための発電技術

Group 1280252
Solution New

Target Countries :

10 participants

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :Natural Resources and Energy/Renewable Energy

Language :English

Appeal

This program is designed for governmental officials and engineers in electric power corporation to introduce the alternative power generation technologies for achieving a low carbon society and to apply that knowledge in their work. The content covers high efficient coal fired thermal power generation and renewable energy such as wind, solar light, solar heat, hydro, small hydro and biomass.

Objective/Output	Target Organization / Group
【Objective】 Action plan is prepare for introducing the alternative power generation technologies for achieving a low carbon society. 【Objective for each unit】 To be able to explain the difference of electricity sector between Japan and participants' home countries To understand the high efficient coal fired thermal power generation technology To understand the renewable energy generation technologies and their problems for promotion To prepare action plan on introducing the alternative power generation technologies for achieving a low carbon society	-Governmental organization in charge of energy policy and promotion of renewable energy, and electric power corporation -Governmental officials in charge of energy policy and promotion of renewable energy, and engineers in electric power corporation -Over 5 years' experience in this field

Contents

・Job report presentation
・Status of energy sector and energy policy in Japan
・Alternative power generation technologies for achieving a low carbon society
・High efficient coal fired thermal power generation
・Renewable energy (wind, solar light, solar heat, hydro, small hydro, biomass and geothermal)
・Status of energy sector in participants' countries and problems for promoting alternative power generation technologies
・Group discussion
・Preparation and presentation of action plan

Program Period	2012 / 8 / 1 ～ 2012 / 9 / 1
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2012～2014
Remarks and Website	The program will be conducted three times in fiscal year 2012 2nd program period: 2012/10/31-2012/12/1 3rd program period: 2013/2/13-2013/3/16

Thermal Power Engineering Course for Gas Turbine & Coal Fired Steam Turbine -Improvement of Maintenance Skill for Stable Power Supply
ガスタービン･石炭火力発電～安定電力供給のためのメンテナンス技術向上～

Group 1280578
Trainers Continuing
12 participants

Target Countries : Countries with thermal power plants

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :

Language :English

Appeal

This program is designed for mechanical engineer working at thermal power station to share and promote knowledge and skills for operations and maintenance. This training program was used to focus both on gas turbine and coal fired steam turbine at once by last year. From this year, however, it is divided into 2 courses, and coal fired steam turbine course will be organized from 13 June to 1 August, gas turbine course will be organized from 5 September to 17 October.

Objective/Output

Course Objective:Knowledge and skills for operations, maintenance and environmental conservation are acquired and will be shared and promoted among his/her organization.
Expected Outputs:

1. To prepare a job report which describes problems, their causes, and measures taken as well as the area of interest (what participant would like to learn).
2. To analyze and assess similarities and/or differences between electric power industry in Japan and in their country.
3. To analyze knowledge and information on effective techniques of operation and control, maintenance and troubleshooting, advanced technologies for environmental conservation for thermal power plants, according to the prepared issue analysis.
4. To prepare an action plan on how to share and utilize the skills and knowledge learned in Japan.
5. The action plans made by the participants will be shared and utilized.
6. The action plans will be discussed and promoted in their organizations.

Target Organization / Group

[Target Organization] Operational management/maintenance section at Gas turbine/Coal fired steam turbine power plant

[Target Groups]
1. Senior mechanical engineers and currently involved in the operational management and maintenance of gas turbine power plants.
2. University/college graduates or with equivalent academic backgrounds.
3. Share the skills and knowledge with stakeholders and submit the progress report.
4. Being involved in JICA project (recommendable).

Contents

【Preliminary Phase】
Formulation and submission of Job/Country Report

【Core Phase in Japan】
1. Lecture about Outline of the Electric Power Industry in Japan
2. Lecture and practice on operation and management techniques
3. Lecture and practice on maintenance techniques
4. Lecture and observation on manufacturing techniques
5. Lecture and observation on environmental conservation technology
6. Preparation and presentation of an action plan

【Finalization Phase】
1. Share and utilize the skills and knowledge acquired in Japan in their organizations
2. Implement the relevant activities based on the action plan and submit the progress report within 3 months after returning to the home country

Program Period	2012 / 6/13 ～ 2012 / 8/1
Implementing Partner	JEPIC (Japan Electric Power Information Center), PET (Power Engineering and Training Service)
JICA Center	JICA Chugoku
Cooperation Period	2010～2012
Remarks and Website	Coal fired steam turbine course will be organized from 13 June to 1 August. Gas turbine course will be organized from 5 September to 17 October.

Nuclear Power Generation Infrastructure
原子力発電基盤整備計画

Group 1280730
Trainers Continuing
9 participants

Target Countries : IAEA and NPT affiliated country, Concluded country of CSA

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :

Language :English

Appeal

This program is designed for countries planning to newly introduce nuclear power generation. The program objective is to acquire comprehensive knowledge for introduction of nuclear power generation and to share and diffuse among his/her organization about the knowledge which is acquired during the training course. As the result of diffusing the knowledge, public awareness for nuclear safety is to be promoted.

Objective/Output	Target Organization / Group
【objective】 Comprehensive knowledge for introduction of nuclear power generation which is the output of this program will be shared and promoted among his/her organization. For the result of the promotion, his/her organization grapple with educational campaign of nuclear safety for public. 【outputs】 Output(1):To find the necessity of nuclear power generation related with electric power industry, energy security and environment. To present the problems that they are facing. To find the issue of nuclear safety and appropriate operation and maintenance. Output(2):To find the consideration of social consideration in order to introduce a nuclear power generation. Output(3):To draw up the action plan in order to introduce a nuclear power generation and to present its included the difference/issue about the other countries. To report the knowledge including the action plan obtained in Japan to the belonging organization, and discuss its applicability in the organization.	[Target Organizations] Competent Government Agencies for nuclear power policy or electric power companies [Target Group] (1) Be a manager class official/ candidate of central government or manager class of electric power company with sufficient English conversation and English reading ability, who is in charge of formulation or planning of policy for nuclear power generation. (2)30-45 years of age, and have a minimum of 3 years of experience in department or section engaging in policy for electric power or electric power development plan.

Contents		
【Preparatory phase in home country】 Prepare a Job Report describing the present situation of each country/organization and their problems. 【Core Phase in Japan】 Output(1): Job report presentation and discussion, Lectures and site visit about the outline of electric power industry in Japan and energy policy in Japan Output(2): Lectures and site visit about the operation/maintenance of nuclear power plant, Site visit to the factories of nuclear power generation, Lectures of the human resources and the nuclear power regulation. Lectures and site visit about the public acceptance, Site visit about Hiroshima Peace Memorial Museum and lead to consciousness of peace Output(3): Drawing up an action plan and preparing for the presentation, Action plan presentation and discussion 【Finalization Phase in home country】 The actions described in the Action Plan should be reviewed, authorized and implemented, and are reported as a Final Report.	Program Period	2013/ 1/14 ～ 2013/ 2/9
	Implementing Partner	Japan Electric Power Information Center, INC
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	

The Improvement for Electric Power Distribution Grid
配電網整備

Group 1280797
Trainers Continuing
11 participants

Target Countries :

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :

Language :English

Appeal

Because of the world's top-level distribution system in Japan, participants can learn not only knowledge and technique but also how to operate distribution system by visiting service offices and construction sites. The participants can also build relationship with Japanese experts and other participants who are in a position of management/leadership or will be in the near future.

Objective/Output	Target Organization / Group
<Objective> Comprehensive knowledge for development of power distribution system will be promoted in participating organizations. <Outputs> (1)To find issues and causes concerning the distribution grid in their countries, and to explain them (2)To understand the planning/design techniques to effectively establish low-loss electric power distribution grid in Japan and to explain the difference from their countries (3)To understand the operation/maintenance techniques to maintain reliable electric power distribution grid in Japan and to explain the difference from their countries (4)To make a plan of efficient and stable electric supply with clear priority and to explain the plan	<Target Organization> Government agencies or private companies related to electric power sector <Target Group> (1) Persons in managerial position or expected to be in near future (2) Electrical engineers who belong to electric power companies or public organization with five(5) years' experience in distribution area (3) University graduates or equivalent (4) Age: Form 30 years to 40 years old

Contents

<Activities in Preliminary Phase in home country>
Formulation of the Country Report and the Issue Analysis Sheet

<Activities in Core Phase in Japan>
Lecture, exercise, site visit, discussion and etc. on following contents are provided for each output mentioned above:
(1)Outline of electric power industry in Japan, Outline of transmission/distribution systems
(2)Planning/designing of distribution systems, Electrification and correspondence to isolated island, Distribution equipment factories
(3)Outline of quality management in Japan, Operation/maintenance of distribution systems
(4)Drawing up an action plan and presentation

<Activities in Finalization Phase in home country>
Within 6 months of the end of the course in Japan, participants are expected to implement the plan proposed in the Action plan and report the progress as a final report.

Program Period	2012 / 5/23 ～ 2012 / 6/30
Implementing Partner	Japan Electric Power Information Center,Inc (JEPIC)
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants make an Action Plan to disseminate knowledge and skills obtained in this course.

Electric Power System Engineering
電力系統技術

Group 1280827
Trainers Continuing
8 participants

Target Countries : *Please refer Remarks

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :

Language :English

Appeal

This training course that inclusively acquires the technology related to the electric power system has contents which can efficiently acquire the technology on planning, construction, operation and maintenance of its system for developing countries.
The implementing organizations have enough facilities and experienced technical talent to offer a wide technology of the electric power system section.

Objective/Output	Target Organization / Group
【Objective】 Based on the comprehensive knowledge concerning the electric power system which participants acquire through this program, a practical action plan to promote the construction of high reliability and low-cost electricity system is to be made and implemented. 【Expected Outputs】 (1)To find issues and causes concerning the electric power system in their countries and explain them. (2)To understand technology and knowledge concerning the power system planning and construction, and explain the difference from those of their countries. (3)To understand technology and knowledge concerning the power system operation and maintenance, and explain the difference from those of their countries. (4)To explain the contents of acquired knowledge through the training, and to propose appropriate and feasible "Action plan" for dissemination in their countries (5)To implement the dissemination activities based on the action plan and to submit the progress report.	【Organization】Competent government agencies or utilities which own and operate electric power system. 【Target Group】 (1)be electric power engineers presently employed by the governmental electric power utilities or those equivalents. (2)have practical experience 5 years and over. (3)be graduates of engineering faculty of university or equivalent. (4)be between 27 and 40 years old. (5)have a competent command of spoken and written English. (6)be in good health physically and mentally to participate in the Program (7)Not be serving any form of military service.

Contents		
【Preliminary Phase】 Drawing up a country report 【Core Phase】 Country report presentation and discussion Lecture on Outline of the electric power industry in Japan, Total Quality Management (TQM) Lecture on Electric system planning, System analysis Lecture on Construction of transmission and substation facilities Observation of Plants for protection facilities Lecture on Maintenance and operation of transmission and substation facilities Observation of Power generation plants, Substation and Load dispatching center Preparation of the action plan Presentation and discussion on the action plan 【Finalization Phase】 Holding the report meeting to their organization Implementation of Action Plan Submission of the dissemination activities (Progress report)	Program Period	under planning
	Implementing Partner	Japan Electric Power Information Center, Inc.(JEPIC) Hokkaido Electric power Co., Inc.
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2011～2014
	Remarks and Website	*Countries which own and operate electric power system(exist transmission lines between substations)

Promotion of Energy Conservation in Commercial and Residential Sector
民生部門の省エネ推進

Group 1280253
Solution New

Target Countries :

12 participants

Sector :Natural Resources and Energy/Energy Conservation

Sub-Sector :Private Sector Development/Industrial Technology

Language :English

Appeal

This is a comprehensive and practical training program focused on energy conservation policy and fundamental technologies in commercial and residential sector. This program covers policy and administration as well as essential technologies for energy conservation in building and housing such as energy conservation techniques in air conditioning, lighting and smart grid.

Objective/Output	Target Organization / Group
【Objective】 Action plan for promoting energy conservation is prepared. 【Objective for each unit】 To understand energy conservation policy in Japan and recognize the difference To acquire energy conservation technologies for building and housing To prepare action plan for promoting energy conservation To consider the action plan in respective organizations after returning home	Governmental and public organization involved in policy, promotion and audit of energy conservation, or public and private enterprises engaged in promotion of energy conservation in commercial and residential sector Technical officials or engineers in charge of energy conservation over 5 years' experience

Contents		
Energy law system in Japan, Energy conservation policy in transportation, commercial and residential sectors, History of energy conservation activities, Measures for energy conservation in SMEs, Recycle and reutilization, Cleaner production, Energy management standard Outline of energy conservation technology, energy conservation ways -heat, fluid machine, Air conditioning, Lighting, BEM, FEM, Smart grid, Eco-museum, Eco-town, Waste incineration plant, Eco-building, Eco-house, ESCO, Practice in eco-building Discussion and preparation of action plan Submission of progress report	Program Period	2012 / 9 / 9 ～ 2012 / 10 / 26
	Implementing Partner	Kitakyushu International Techno-cooperative Association
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Fuel-reduced Operation by Economical Load Distribution of Multiple Diesel Generators
複数台ディーゼル発電機における経済的負荷配分による省燃料運用

Group 1280270
Trainers Updated
8 participants

Target Countries :

Sector :Natural Resources and Energy/Energy Conservation

Sub-Sector :

Language :English

Appeal

In recent years, oil price has been soaring and it hinders the sustainable electricity supply and economic development especially of the island countries and remote isolated areas which depend on diesel power generator as the main power source. At the same time the reduction of CO2 is one of the biggest global issues, which is critical especially for such islands.
While introduction of renewable energy is very important, it still takes time to be feasible to depend on only such energy sources.
For these reasons, it is crucial to improve the efficiency of existing power generators. This training will provide the participants the knowledge and skill on methodology of Economical Load Distribution, which will contribute to the fuel reduction in the participants' countries.

Objective/Output	Target Organization / Group
【Objective】 The methodology of economical load distribution among multiple diesel generators will be disseminated in participant's organization. 【Expected Module Outputs】 To explain mechanism of a diesel generator To explain theory and methodology of economical load distribution To use of economical load distribution To formulate an action plan for dissemination into participant's company	Electric power companies and the local government which engage in use and management of diesel generation Electric power operation manager, electric facility manager and operator Having over 3 years experiences of diesel electric power operation and management

Contents

<Preliminary Phase>
Make the country report about the situation about the introduction of solar power generation
<Phase in Japan>
(Lecture) Structure and operating principle of diesel generator and engine characteristics
(Lecture) Differences with other engines/other power generating facilities
(Lecture) Understanding of performance curve of diesel generator and basic mechanisms
(Lecture) Efficiency under the operation of multiple diesel generators
(Lecture) Improvement effort of Diesel performance in Okinawa
(Exercise) Development of economical load dispatching table with MS Excel
(Exercise) Economical load dispatching chart with own model power plant data
(Visit) Power plant in remote islands
(Practice) Measuring method of fuel consumption rate on small diesel generators
(Lecture) Appropriate maintenance method of diesel generators
(Lecture) Method of training and education of attained knowledge and technology for human resources
(Lecture) Improvement effort in developing countries
(Exercise) Report for the improvement method and implementation planning in own countries
<Finalization Phase>
Practice and report of the action plan

Program Period	2012 / 7 / 18 ～ 2012 / 8 / 16
Implementing Partner	Under Planning
JICA Center	JICA Okinawa
Cooperation Period	2012～2014
Remarks and Website	

Policy Planning for Energy Efficiency & Conservation
省エネルギー政策立案

Group 1280315
Solution Continuing
18 participants

Target Countries :

Sector :Natural Resources and Energy/Energy Conservation

Sub-Sector :

Language :English

Appeal

The characteristics of this training is that trainees who have poor experiences to make policies of energy efficiency would make policy proposals through lectures for Japanese policies, basic knowledge about policy planning method and practical lectures for energy audit. After training, it's also the point that the trainees have to make reports along with the policy proposals.

Objective/Output

<Course Objective>
The trainees make policy proposals based on the situation of each countries and the knowledge from this training. Through the activities, trainees' abilities of policy making could improve.

<Objective for each unit>
(1)Preparation for and presentation of the country report. And figure out the current energy situation and policy for energy efficiency; as a result, explain the problem in his country.
(2)Understand Japan's policies, law and the current situation of promotion of the energy efficiency. As a result, compare it to his country's policy and study the possible application of the Japanese policy.
(3)Figure out the actual situation of the specific action, effect and benefit for energy efficiency. As a result, compare to his country's factory, and study the difference and possible application.
(4)Study for problem on policy planning through group working and understanding the effectiveness of it. And develop into the setting of the problem and group discussion on the process of the policy planning
(5)Make an appropriate and feasible policy proposal along with the energy situation.

Target Organization / Group

<Target Organization>
governmental organization in charge of energy efficiency & conservation policy planning and its implementation

<Expected Job Title>
responsible for policy planning of energy efficiency & conservation(e.g. director-general, director, deputy director)

<Expected Job Experience>
more than 3 years

<Other Qualifications>
the person who will be continually in charge of the policy planning for a certain period

Contents

Understand the energy situation and policy for energy efficiency and conservation in own country through making country report and share above information with other trainees and teachers.

The contents include 3 parts, "Japan's policies and law for energy efficiency", "promotion activities by implementation organization" and "energy efficiency for industry, building and residential". Trainees could understand the systematic promotion by administration officials and expertise

Acquire the practical knowledge and understand the current situation of energy efficiency promotion by visiting the factories and office buildings whose the owner companies got a prize on energy efficiency.

Sum up and the discussion of the contents and methods to solve the given policy problem through the group working and do the presentation.

Make the policy proposal which will be practiced by trainees and the organization after training. Improve the perfection level of the contents and make the contents to be viable by the discussion of the trainees and the comments of the Japanese experts

Program Period	2012 / 5/13 ～ 2012 / 6/9
Implementing Partner	Energy Conservation Center of Japan
JICA Center	JICA Tokyo(Industrial Dev.&Finance)/JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	Training period at JICA Kyushu is 2012/11/18-2012/12/20

Energy Conservation in Public and Private Sector
省エネに関する企業と行政の取り組み(休止)

Region-Focused Solution | 1284317 Continuing

Target Countries : Asian countries which conduct energy conservation activity

10 participants

Sector : Natural Resources and Energy/Energy Conservation

Sub-Sector :

Language : English

Appeal

The purpose of this training is to support the energy conservation activities in the participant's home country through sharing experiences in both public and private sectors in Kansai Region (Areas around Osaka prefecture, western Japan). Kansai area, which implements economic activities in accordance with environmental consideration, has plenty of experiences and cases regarding energy saving activities to share with. This training course will be conducted in cooperation with Kansai Economic Federation (kankeiren).

Objective/Output

<Course Objective>
Based on bottom-up approach, such as energy saving activities conducted in Japanese SMEs, participants both from public and private sector will implement the action plan in their organizations.
<Criteria for the Course Objective>
1. Trial plan and its issues/progress are confirmed through participants' action plan, discussion and presentation.
2. Report of action plan implementation will be feedback within 6 months.

<Outputs>
1. Understanding environmental policy, its background of participants' country and energy saving activity in the companies
2. Grasping idea of measures taken in Japan and participants' countries for environmental protection, energy saving both in public sector and private sector
3. Understanding the relationship between productivity improvement and energy saving, and understanding situation of Japanese business management utilizing environmental friendly technology
4. Setting an action plan for environmental protection and energy saving based on Japanese cases and participants' countries' experience
5. Applying the action plan to the feasible plan in participants' own countries

Target Organization / Group

<Expected Job Title>
1) Officer responsible for environmental technology promotion in government and public agencies in the field of economic and industry
2) Private sector: manufacturing association

<Expected Job Experience>
At least three years' experiences in the field of environmental technology promotion

<Other Qualifications>
Two participants (government officer and person from industry) from one country

Contents

<Preliminary Phase>
1. Making Country Report for the current situation of energy conservation activities

<Phase in Japan>
1. Country Report Presentation and discussion
2. Japanese laws and regulations about energy conservation
3. Activities of Japanese private sector(Private companies etc.) about energy conservation
4. Making and presentation of the action plan

<Finalization Phase>
Practice of the action plan
Report of the implementation of the action plan

Program Period	
Implementing Partner	Pacific Resource Exchange Center
JICA Center	JICA Kansai (I)
Cooperation Period	2011～2013
Remarks and Website	Technology and Products in the Environmental and Energy Sector, Kansai Economic Federation http://www.kankeiren.or.jp/kankyou/en/

Energy Conservation Technology & Machine Condition Diagnosis Technique - for Productivity Enhancement and Cleaner Production -
省エネルギー技術と設備診断 ―生産性向上とクリーナプロダクションのために―

Region-Focused Solution | 1284319 Continuing | 17 participants

Target Countries : Asian, Middle Eastern, Southeast European Countries

Sector : Natural Resources and Energy/Energy Conservation

Sub-Sector :

Language : English

Appeal

This program is designed for practical engineers such as energy auditor, energy manager and plant engineer to develop their technical capacity. Participants will enhance practical ability by lectures, practices and site visits. Learning Machine Condition Diagnosis Technique (MCDT) and measures for maintenance engineering provides them necessary technology for efficiency promotion by combination of energy saving technology and maintenance.

Objective/Output

<Course Objective>
Participant's capacity on energy conservation technology and MCDT is improved, and practical action plan for solving problems on energy conservation is formulated in their organization.

<Objective for each unit>
1. To understand energy policy in Japan and methods of energy conservation audit, and to propose a solution on energy conservation activities in home country by acquiring basis for module 2, 3 and 4
2. To be able to apply theory of energy-intensive equipment and energy conservation technology to energy conservation audit and energy management
3. To be able to apply MCDT and maintenance techniques to energy conservation activities and maintenance
4. Action plan is presented by participants by applying acquired energy conservation technology and MCDT.
5. Action plan for energy conservation is considered in participant's organization.

Target Organization / Group

<Target Organization>
Governmental organization, public or private company engaging in energy audit and energy conservation activities

<Expected Job Title>
Engineers and technical officials in charge of energy audit, energy management and maintenance for energy conservation

<Expected Job Experience>
Over 5 years experiences

<Other Qualifications>
Under 50 years old and be competent in spoken and written English

Contents

1. "Methods of Energy Conservation Audit & Activities, and Energy Policy in Japan" : Practice of Energy Audit, Standard of Energy Management, Daily Activities on production site, Seven Tools as facility improvement, Energy Law System, Outline of Energy Policy, Policy for small sized enterprise

2. "Basic Technologies of Energy Conservation Audit": Energy Conservation Technology in Thermal Utilities, pump, blower, air conditioning, lighting and steam. Energy Conservation by Inverter. Calculation of combustion. Practice of Inverter, Pump, Compressor and Furnace. Fluid Mechanics.

3. "Machine Condition Diagnosis Technique for Energy Conservation and plant maintenance management" : Diagnosis by Vibration (Vibration Theory, Rotating Machine, Bearing, Gear). Others (Thermography, Tribology, Electric Machinery). Practice of MCDT (Rotating M, Bearing, Gear). Maintenance.

4. "Action Plan and Introduction of Energy Conservation Activities" : Action Plan & Job Report Presentation. Examples of Energy Conservation Activities in Plant & Building. Tour of Plant Visit in Tokyo, Kyoto & Nagasaki (Kyushu Electric Power, Nissan Motor, TOTO, LNG Plant etc.)

5. Action Plan is considered in participant's organization, and progress report is submitted.

Program Period	2012 / 8/12 ～ 2012 /11/21
Implementing Partner	KITA(Kitakyushu International Techno-cooperative Association)
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	

Planning Support for Introduction of Solar Power Generation
太陽光発電導入計画支援

Group 1280008
Solution Continuing
13 participants

Target Countries :

Sector :Natural Resources and Energy/Renewable Energy

Sub-Sector :

Language :English

Appeal

This program is designed for providing the policy planners/implementers in charge of renewable energy to support introducing solar power generation.

Objective/Output	Target Organization / Group
<Training Objective> Plan to introduce and maintain solar power generation will be developed. <Outputs> 1. Basic technology for introducing solar power generation is understood 2. Economic/accounting issues necessary for introducing solar power generation is understood 3. Political, institutional, and organizational issues for introducing solar power generation is understood 4. Japanese policy and frameworks for introducing/promoting solar power generation is understood 5. Methods and system thinking to apply Japanese experiences for the participant's home country is understood. 6. Situations in each county about solar power generation is shared through the presentation and discussion by the participants	Policy planners/implementers working for government ministry in charge of energy conservation, Promoting PV system and PV industry

Contents		
<Preliminary Phase> Make the country report about the situation about the introduction of solar power generation <Phase in Japan> 1. Basic technology for introducing solar power generation 2. Economic/accounting issues necessary for introducing solar power generation 3. Political, institutional, and organizational issues for introducing solar power generation 4. Japanese history, policy and frameworks for introducing/promoting solar power generation 5. Methods and system thinking to apply Japanese experiences for the participant's home country 6. presentation and discussion of the action plan <Finalization Phase> Practice and report of the action plan	Program Period	2012 / 7/ 8 ～ 2012 / 8 / 11
	Implementing Partner	Pacific Resource Exchange Center
	JICA Center	JICA Kansai (I) /JICA Okinawa
	Cooperation Period	2010～2012
	Remarks and Website	Training will be held three times First: July 8,2012～August 11, 2012(JICA Kansai) Second: Nov. 2012～Dec. 2012(JICA Kansai) Third: Oct. 10, 2012～Nov. 7, 2012(JICA Okinawa)

Tropical Biomass and Bio-fuel Utilization
熱帯バイオマスおよびバイオ燃料利用

Group 1280032
Trainers Continuing
6 participants

Target Countries : Countries located in the tropical and subtropical area.

Sector : Natural Resources and Energy/Renewable Energy

Sub-Sector : Environmental Management/Global Warming

Language : English

Appeal

This program is designed to create a sustainable society by training of effective utilizations of tropical biomass/bio-fuels adjusting the home country's conditions.

Objective/Output

[Course Objective]
The technologies for the effective utilization of biomass/bio-fuels that suit the condition of the home country in the tropical and the subtropical area are shared in the organization.

[Expected Module Output]
(1) To be sorted out the current situations and issues on the utilization of biomass and bio-fuels in the home countries,
(2) To be able to explain the approaches to create the sustainable and recycling oriented society using biomass/bio-fuels.
(3) To be able to estimate the amount of the biomass resources or bio-fuels.
(4) To master the Individual technologies for the planning of biomass/bio-fuels utilization.
(5) To be able to make a plan for effective utilization system of biomass/bio-fuels based on the above-mentioned (1) to (3).
(6) The action plan made in the training in our country is shared in the trainee's belonging organization, and it is corrected if necessary.

Target Organization / Group

[Target Organization]
Administrative body and NPO engaged in tropical biomass and bio-fuel utilization

[Target Group]
(1) Be administrative officials or staff of relevant organizations presently engaged in planning of biomass utilization / research.
(2) University graduate or equivalent.
(3) Have a good command of English.
(4) Healthy in both physically and mentally.
(5) Not be served in military.
(6) Age:Desirable to be between 25 and 35 years of age.

Contents

<Activity in Preliminary Phase in home country>
Formulating a Job Report describing the present situation of biomass resources and its utilization in the participants' countries, and participants' detailed work and roles of their organization.

<Activity in Core Phase in Japan>
This program consists of lecture, field work, observation tour and discussion.

(1) Environmental problems such as global warming and energy problem, Basic frameworks of Biomass Nippon and Biomass Asia
(2) Estimation of the total amount and usable biomass/bio-fuels resources
(3) Production, collection and transportation of unused biomass and energy crops, Energy conversion technologies, Conversion of biomass as materials and its utilization, Measurement, monitoring and evaluation
(4) PDCA of biomass/bio-fuels utilization system, Formulation and presentation of action plan.

<Activity in Finalization Phase in home country>
(5) Share and discuss, modify the action plan in respective organizations

Program Period	2012 / 9/26 ～ 2012 /12/ 8
Implementing Partner	University of the Ryukyus
JICA Center	JICA Okinawa
Cooperation Period	2010～2012
Remarks and Website	

Solar Power Generation Technology
太陽光発電エネルギー技術

Group 1280236
Trainers Continuing
13 participants

Target Countries :

Sector :Natural Resources and Energy/Renewable Energy

Sub-Sector :

Language :English

Appeal

Appropriate operation and maintenance (O&M) is an important issue when introducing Photovoltaic (PV) system, and engineers with PV technology expertise will be needed to effectiveness and sustainability of the PV projects. The course will create sustainability on SHS by teaching O&M methodology to the engineers in the country with the vision of introducing solar power generation.

Objective/Output

【Course Objectives】
To gain the fundamental knowledge and practical examples that is able to use to introduce of system, promotion of utilization, and maintenance management of solar power generation.

【Expected Module Outputs】
(1) Participants will be able to explain about the Place of solar power generation in Japanese energy policy and their actual case of generation applies.
(2) Participants will be able to gain the techniques of principal of solar power generation (semiconductor material, solar battery) and its structure and production method
(3) Participants will be able to explain the Principle of PV system and the techniques of PV facilities, set up of equipment, maintenance and management
(4) Participants will be able to explain the technology of cost evaluation, environmental assessment
(5) Participants will be able to make an action plan to solve the problem of the organization which participants belong to

Target Organization / Group

【Target Organizations】
Governmental organization of energy development

【Target Group】
Engineers working for energy-related government ministry, electric power public corporation, and other public organization with more than 3 years of experiences in the field

Contents

<Preliminary phase in home country>
Make the report about the situation of solar power generation in the participant's country
<Core phase in in Japan>
1. Japanese energy policy, needs and trends of PV technology (lectures and site-visits)
2. General information of solar power generation, semiconductor material, solar battery, accumulator, electronic circuit, process of solar battery and module making, site visits to relevant manufacturers and facilities(lectures, practices and observations)
3. Constitution, design and assembling of PV, system constitution according to the purpose of use, constitution and set up cases of system for home and industrial type, cases of middle scale PV system, observation of solar house and solar office (lectures, practices and observations)
4. Regional characteristics of PV, solar irradiation and amount of insolation, energy effective utilization, types of the solar battery and an evaluation method, structure of the solar battery and those characteristic evaluation, environmental assessment (lectures, practices and observations)
5. Action plan making
<Finalization Phase in home country>
Practice and report of the action plan

Program Period	2012 / 6 / 4 ～ 2012 / 8 / 15
Implementing Partner	Osaka City University, Technology Institute
JICA Center	JICA Kansai (I) /JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	This training will be held twice a year. First: Jun. 4, 2012～Aug. 15,2012 (JICA Kansai) Second：Feb. 27, 2013～May 3, 2013 (JICA Kyushu)

Promotion and Dissemination of Biomass Utilization Technology
バイオマス利用技術普及

Group 1280249
Solution New

Target Countries :

10 participants

Sector :Natural Resources and Energy/Renewable Energy

Sub-Sector :

Language :English

Appeal

This program aims to enhance the capacity in formulating effective and efficient utilization plan of biomass resources through lecture and practice on biomass resources/technology/system and site visits to have an actual look at biomass utilization in Japan. Training contents is practical utilizing advanced experiences of biomass utilization in Chugoku region (where Hiroshima Univ. is located).

Objective/Output	Target Organization / Group
【Objective】 Participants will acquire necessary methodology to formulate effective and efficient utilization plan of biomass resources through grasping quantity of reserves and availability of biomass resources in respective countries/area. 【Objective for each unit】 <Preliminary Phase> Formulation and submission of Job / Country Report Expected Output 1:Participants will be able to explain types and composition/classification/characteristics/collection of available biomass resources. Expected Output 2:Participants will be able to explain utilization technology of various biomass resources. Expected Output 3:Participants will be able to implement formulating biomass utilization system. Expected Output 4:Participants will prepare action plan which will be used for implementing what they learnt in home country. <Finalization Phase> Implementation an action plan Drawing up a progress report	Administrative organization in charge of planning/promoting/implementing utilization of biomass and/or researchers in public researching institutes or universities Administrative officials presently engaged in planning of biomass utilization / research officials involved in planning process of biomass utilization / presently work as an adviser to planning and promoting biomass utilization More than 3 years' experience in the field of biomass utilization

Contents		
Preparation and submission of Job/Country Report Participants will learn types of biomass resources and understand composition/classification/characteristics/collection of available biomass resources. Participants will learn and understand principal, characteristics, efficiency and technology of each energy conversion; physical, thermochemical, and biochemical conversion. Participants will learn and understand how to formulate and evaluate system design utilizing biomass resources by conducting system design based on mass balance and energy balance. Participants will prepare action plan which will be used for implementing what they learnt in home country. The action plans made by the participants will be shared and discussed in their organizations, and progress report will be submitted.	Program Period	2013 / 1/15 ～ 2013 / 2/16
	Implementing Partner	Graduate School of Engineering, Hiroshima Univ.
	JICA Center	JICA Chugoku
	Cooperation Period	2012～2014
	Remarks and Website	

Promotion of Hydropower Development
水力開発の促進

Group 1280939
Trainers Continuing
16 participants

Target Countries :

Sector :Natural Resources and Energy/Renewable Energy

Sub-Sector :

Language :English

Appeal

This program is designed for countries, with a problem about stable electricity supply in the future, which has sufficient resources of hydropower generation but do not have capacity to utilize resources effectively. In terms of prevention of global warming, the hydropower generation is revaluated in recent years. In order to promote hydro power development steadily, this program provides Japanese technical knowledge to participants who are in charge of hydropower engineering.

Objective/Output	Target Organization / Group
【objective】To familiarize the inclusive knowledge related to hydropower development obtained in Japan to the home country / organization. 【outputs】 (1)To recognize the issues related to hydropower development in the home country / organization. (2)To understand about hydropower development procedures including schemes of IPP Project and CDM in the power sector, and consider these applicability to the home country. (3)To understand differences of required hydropower development technology (planning, design, financial analysis, O&M, rehabilitation, etc.) between the home country and Japan. (4)To develop a final report to familiarize the knowledge obtained in Japan to the home country / organization. (5)To report the progress of action plan as a Follow-up report.	[Target Organizations] Government agencies or electric power utilities which are in charge of the development of hydropower generation. [Target Group] (1) be responsible for hydropower development and those currently (or expected to be in the near future) posted to the managerial position. (2) be university graduate or its equivalent, be 30-50 years of age, and have a minimum of 5 yeas practical experience in the field of hydropower development. (3) have a competent command of spoken and written English.

Contents

【Preparatory phase in home country】
Job Report and Country Report is formulated.

【Core Phase in Japan】
(1):Presentation and discussion on the Job Report, and Outline of Electric Power Industry in Japan.
(2):Execution procedure of hydropower development (Introduction of case in Japan), Environmental impact assessment, Global warming measures(CDM) and environmental problems, Development of hydropower projects with ODA (Real case), and Hydropower projects by IPP
(3):Introduction of demand forecast in Japan, Design and construction of power plant (civil engineering equipment, electrical and mechanical equipment), System operation for power plant, Economic evaluation, dam cost allocation and redevelopment of power plant, Operation & maintenance, Tours of hydroelectric power plants, Dam simulator & grid analysis training, Tour of central control center, and Observation of factory for hydropower equipment.
(4):Preparation, discussion and presentation of the final report by participants.

【Finalization Phase in home country】
Sharing final report with participants' organization, Formulation and submission of Follow-up Report

Program Period	2012 / 6 / 5 ～ 2012 / 7 / 5
Implementing Partner	Japan Electric Power Information Center, INC
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	

Rural Electrification Promotion Utilizing Renewable Energies
再生可能エネルギーによる持続的な地方電化の推進

Region-Focused Solution | 1284028 Continuing

12 participants

Target Countries : Africa Region

Sector : Natural Resources and Energy/Renewable Energy

Sub-Sector : Natural Resources and Energy/Renewable Energy

Language : English

Appeal

This program is designed for officials who are in charge of rural electrification planning and promotion using renewable energies in order to enhance their capabilities of mapping out relevant plans and strategies for electrification. The program includes an introduction of projects in the third country, Philippines. Participants will study government and administrating rolls of renewable energy through lectures and discussion.

Objective/Output

【objective】
The program enables an official in charge to draft a strategy/plan for rural electrification using renewable energies, and the drafts will be reflect to their organization activities in the countries.

【outputs】
(1) Basic data and existing issues for rural electrification promotion using renewable energies will be shared.
(2) Renewable energy's technologies such as photovoltaic, small hydro and wind will be introduced.
(3) Barriers and solutions for rural electrification promotion using renewable energies will be discussed.
(4) A strategy/plan for rural electrification promotion using renewable energies will be drafted and improved.
(5) Results of the program will be fed back to the organization where trainees are belonging to.

Target Organization / Group

【Target Organizations】
Authorities which are promoting rural electrification, like a Rural Electrification Agency.

【Target Group】
(1) Officials in charge of promoting rural electrification,
(2) University/college graduates or equivalent and currently engaged in the field for more than 5 years,

Contents

【Preparatory phase in home country】
Prepare a Country Report describing the present situation of each country/organization and their problems.

【Core Phase in Japan】
・ introduction of relevant technologies and key issues (policy, fund, human resources, industries/business etc.) for rural electrification promotion, site visit
・ introduction about a relation between government and business
・ introduction about utilizing case of renewable energy in other countries
・ introduction about challenges of international organizations and donors
・ drafting a strategy/plan for rural electrification promotion using renewable energies
・ exchange opinions to improve drafted strategy/plan

【Finalization Phase in home country】
・the results will be fed back to the organization where participants are belonging to
・the results of the feedback will be reported to Japanese side

Program Period	2012/10/31 ～ 2012/12/1
Implementing Partner	New Energy Foundation
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	

Enhancement of Planning Capacity for Geothermal Energy Development in African Countries / TICAD IV Follow-up
アフリカ地域 地熱エネルギー開発計画策定能力向上／TICAD IVフォローアップ

Region-Focused | 1284283
Leaders | Continuing
12 participants

Target Countries : Countries with geothermal energy resources

Sector :Natural Resources and Energy/Renewable Energy

Sub-Sector :

Language :English

Appeal

This program is designed for administrators and technical officials in governmental organizations dealing with energy policy making or geothermal energy development, to help them understand policy to introduce geothermal energy and necessary techniques in each development phase of geothermal power generation, and to enhance their planning capacity in home countries. Site visits on production sites of power generation facilities are included.

Objective/Output	Target Organization / Group
<Course Objective> Participants will understand policy to introduce geothermal energy and necessary techniques in each development phase of geothermal power generation, and to enhance their planning capacity for geothermal energy development in their own countries. <Objective for each unit> 1. To be able to explain necessity of geothermal energy development in national energy strategy and method for development promotion and policy making. 2. To be able to explain technical aspects of development approach for geothermal resources 3. To be able to explain economic and environmental aspects of development approach for geothermal resources 4. To be able to explain multipurpose utilization of geothermal energy for social development 5. To prepare Action Plan for geothermal energy development on the basis of policy and technical aspects.	<Target Organization> Governmental organizations dealing with energy policy making or geothermal energy development <Expected Job Title> Manager, Department head or decision-maker in governmental organization dealing with energy policy making or geothermal energy development <Expected Job Experience> Over 5 years experiences

Contents		
1. General framework and current situation of energy and renewable resources in African countries, Schemes for geothermal survey and role of private sector, Appropriate governmental policy for geothermal development 2. Risk management in geothermal development, Geothermal surface survey, Geothermal well drilling and evaluation of geothermal resources, Uses of geothermal energy, Site visits on geothermal power station and production site of power generation facilities in Japan 3. Economic aspects of geothermal development project, Fund procurement, international assistance and environmental value for geothermal development, Clean development mechanism(CDM) 4. Lecture and Site visit on project for multipurpose utilization of geothermal energy 5. Discussion, guidance and private-study for preparing Action Plan	Program Period	2012 / 6/28 ～ 2012 / 7/14
	Implementing Partner	West Japan Engineering Consultants, Inc.
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	

Sustainable Mining Development
持続可能な鉱物資源開発管理

Group 1280882
Trainers Updated
30 participants

Target Countries :

Sector :Natural Resources and Energy/Mining

Sub-Sector :Natural Resources and Energy/Mining

Language :English

Appeal

This program can provide training for the environment friendly sustainable mining development through increasing knowledge and changing of thinking-ways in which abilities of making policies and plans, and managing the process of the implementation in harmony with the environment and the development are strengthened toward the expansion of economy in those mineral rich countries. Through this program with human network of Japanese companies, to strengthening relationship with Japanese economy to increase investments, trade and supports for their economic growth is also expected.

Objective/Output	Target Organization / Group
【Objective】 To educate officers in charge to find out mineral resources by efficient way for global combination and symbiosis. 【Objective for each unit】 (1) To learn how mineral development made a contribution for modernization and industrialized leading countries, (2) To improve making mineral policy and to improve geological institute through understanding exploration technique including satellite image analysis, (3) To be able reviewing and guiding mineral development plans with environmental concept, (4) To establish practical providing fund system and to improve ability of policy making for mineral economical aspect, (5) To promote projects in developing countries through contact lecturers from Japanese private companies, and (6) To improve policy making ability through making action plan.	-Agency of mineral resources policy and state mining enterprises -Officers of Agency of mineral policy and state enterprises -Over 5 years, managerial staff -Equivalent of graduated college, -English speaking and operating PC

Contents		
(1) To learn relationship between worldwide economy and mineral commodity through lectures of global mining history, international economy and mineral supply and demand, case study of mine development, (2) To learn political tools for promotion of exploration through lecture of geology, image analysis, exercise of analysis, geological field survey, and observations, (3) To learn relationship between mine development and environmental issues through lecture of environmental legal system, technique of mine environment and environmental assessment. And to learn reducing burden of heavy metal for environment through metal recycle system, (4) To learn funding system for mineral development through lectures mineral economics and Japanese official banking system, (5) To establish relations between lecturers and participants for promotion of projects through lecture and observations, and (6) To learn procedure of making action plan through several lectures and consultation by commentators by e-mail.	Program Period	2012 / 9 / 23 ～ 2012 / 12 / 8
	Implementing Partner	International Institute for Mining Technology
	JICA Center	JICA Tohoku
	Cooperation Period	2012～2014
	Remarks and Website	

Enhancement of Geological Information System for Minerals with Modern Techniques in Africa
アフリカ地域鉱物資源地質情報整備

Region-Focused Trainers | 1284289 Updated | 20 participants

Target Countries : Africa

Sector : Natural Resources and Energy/Mining

Sub-Sector : Natural Resources and Energy/Mining

Language : English

Appeal

Improve knowledge and techniques for upgrading geological information to promote investment in Africa, where mineral-rich includes rare metal but has lots of unexplored area.

Objective/Output

【Objective】
To improve knowledge of satellite image processing, several geophysics and geochemical exploration techniques for the management of potential area in the mineral resources development.

【Objective for each unit】
1. Learn world mineral economics, case studies of economic development by mineral commodities, therefor strengthen their mineral policies and relationship with Japan
2. Specify the location and information of mineral-rich unexplored area by satellite image processing.
3. Acquire more detailed data by the several geophysics and geochemical exploration techniques at mineral-rich area where unexplored.
4. Learn how to analyze mineral deposits using drilling data and how to calibrate detail data acquired from above item 2 and 3, and furthermore, evaluate economic aspect for mineral development
5. Figure out scale and type of deposit from the output above which can establish geological information database to draw in investment internationally and domestically for the development of mineral resources.
6. Find out a solution of challenges through making an action plan.

Target Organization / Group

-Min. of Mine/Natural Resources, other Gov. body related to geological/ mining issues.

-Officer and geologist relating to mineral resources, having potential to be executive in future.

-Working experience in geological field for approx. 5 to 10 yrs.

-having bachelor / degree of science / engineering in geology/mining field. with a good command of PC and English

Contents

[Preliminary Phase in a participant's home country]
Make a country report which describing actual condition of geological and economic status and overview of organizations where participants belong to.

[Core Phase in Japan]
1. Reconfirmation of importance of mineral resources in the world/ domestic economics development and learn Japanese mineral resources policy
2. Learn techniques (includes analysis) to specify promising area by satellite image processing and geological analysis.
3. Learn techniques (includes analysis) to investigate the specified mineral-rich area by geophysics and geochemical exploration techniques.
4. Learn comprehensive analysis of mineral deposits using drilling data and confirmation of mineral deposit
5. Learn how to construct regional geological database (world standard format) using GIS techniques and learn finance for promotion of mineral development.
6. Formulation and Presentation of an action plan.

[Finalization Phase in a participant's home country]
Have a debrief meeting, endorse the action plan in their organization, and submit the progress report to JICA office within half year.

Program Period	2013 / 1/27 ～ 2013 / 3/9
Implementing Partner	International Institute for Mining Technology
JICA Center	JICA Tohoku
Cooperation Period	2012～2014
Remarks and Website	

10.Economic Policy

Customs Administration for Central Asia and Caucasian Countries
中央アジア･コーカサス地域 税関行政

Region-Focused Solution | 1284070 Continuing

16 participants

Target Countries : Central Asia and Caucasian countries

Sector : Economic Policy/Transition to Market Economy

Sub-Sector : Private Sector Development/Trade and Investment

Language : Russian

Appeal

This program provides the participants with opportunities to understand the Japan Customs system through lectures, observations and Q&A. The program provides a good opportunity for the participants of the same region to get together, exchange information and opinions, and come up with solution ideas not only to the problems of own countries, but also to the common problems in the Central Asia and Caucasian Countries to promote trade in the region.

Objective/Output

【Course Objective】
Participants will formulate an Action Plan for improvement of customs administration of their own countries to promote trade in the Central Asia and Caucasus.

【Expected Module Outputs】
Participants will be able to;
(1) understand the customs policy and administration system of Japan and compare the Japanese policy and system with their own,
(2) gain practical knowledge on Customs administration (information and communication technology, classification, valuation, analysis etc.) and utilize the gained knowledge.
(3) identify problems of their own Customs Administration system and propose countermeasures through discussions with fellow participants and Japanese counterparts.

Target Organization / Group

【Target Organizations】
Governmental organizations in charge of Customs Policy and Administration (e.g. Customs/ Ministry of Finance)

【Target Group】
Managerial Officers engaged in Customs Policy and Administration with at least 5 years of working experience in the field. University graduates.

Contents

【Activity in Preliminary Phase in home country】
The participants are required to prepare Country Report describing current situation, issues and problems of Customs Administration of participating countries.
【Activity in Core Phase in Japan】
Lectures: Japanese Customs administrative structure and system, Customs Practice, AEO, Risk Management (CIS, Inspection Standard), Customs Valuation Criteria, Post Clearance Audit, Enforcement, etc.
Site Visits: Customs facilities in Osaka port, Kansai International Airport, etc.
Lectures: Export/Import Clearance, Customs Valuation, Tariff Classification and Rating, Luggage/international post/Container inspection, Collection and Analysis of Information, Country of Origin, etc.

The participants formulate Action Plan for customs administration improvements for the participating countries, focusing on trade promotion of Central Asia and Caucasus.

【Activity in Finalization Phase in home country】
The participants will submit Final Report to JICA, stating how the Action Plan was shared and disseminated in the participating organizations.

Program Period	2013 / 2/25 ～ 2013 / 3/13
Implementing Partner	Osaka Customs
JICA Center	JICA Kansai (I)
Cooperation Period	2011～2013
Remarks and Website	

Stock Exchange Development for Asian Countries
アジア地域証券取引所整備

Region-Focused Solution | 1284109 Continuing

Target Countries : Asia

8 participants

Sector : Economic Policy/Financial System

Sub-Sector :

Language : English/Vietnamese

Appeal

This seminar aims at stock exchange development through a series of lectures and discussions on listing supervision, securities market operation, trading administration, market infrastructures, and investor education by Stock Exchange in Japan. Japanese regulatory authorities, Self-Regulatory Organization, and securities companies. Participants will make an Action Plan to solve the challenges for its further development of its stock exchange.

Objective/Output	Target Organization / Group
【Objective】 The action plan listing supervision, securities market operation and trading administration at stock exchange formulated during the training, or the action plan on preparation of systems relating to them will be shared among the relevant organizations. 【Expected Module Outputs】 1. understand the framework of securities market development in Japan in comparison with other countries' cases 2. understand the role and function of stock exchanges in Japan and clarify the main problems to be solved in participating countries 3. understand the roles of organizations relevant to stock exchanges in Japan 4. clarify the environmental arrangements for education of investors and the future efforts for it 5. prepare an action plan for future policy measures to solve the priority problems identified during the program, and share the action plan among the organizations	【Target Organization】 Primarily Stock exchanges. The second target is regulatory authorities engaged to establish and supervise stock exchanges. 【Target Group】 1. Staff members of stock exchanges (Officers of regulatory authority of securities markets as the second target group) 2. Have (3) years of experience in stock exchange 3. Have a sufficient command of English

Contents		
【Preliminary Phase】 Formulation of Job Report on current situation of the securities / financial market, and stock exchange 【Core Phase in Japan】 1. Lectures, Discussions, Observation on the following topics; Securities Administration and Legal Framework, Company Law and Securities Market, Equities Market, Derivatives Market, Listing Examination, Listed Companies Supervision, Clearing and Settlement, Participants Registration, Market Surveillance and Compliance, Information Service, Roles of Market Participants (Securities Companies, Securities Dealers Association, Listed Companies), Investor education 2. Job Report presentation and discussion 3. Formulation of Action Plan to solve the problems in participating countries 【Finalization Phase】 Sharing the Action Plan in the relevant organization, and formulating a final report on the result of sharing	Program Period	2012 / 6/ 3 ～ 2012 / 6 / 21
	Implementing Partner	Stock Exchanges in Japan
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	

Bond Market Development in ASEAN Countries
アセアン地域債券市場整備

Region-Focused Solution | 1284242 Continuing

16 participants

Target Countries : ASEAN member countries

Sector : Economic Policy/Financial System

Sub-Sector :

Language : English

Appeal

This seminar aims to enhance capacity of officials from ministry of finance, central bank, and regulatory authority in charge of bond market development. Participants will make a policy proposal for its bond market development through lectures and discussions on regulatory framework, market infrastructure, market participants, and other issues. This program is undertaken in partnership with the Asian Development Bank.

Objective/Output

【Objective】 The policy proposal on bond market development in respective countries will be formulated, shared and discussed in the participating organizations.

【Expected Module Outputs】
(1) To understand the significance of bond markets and its role in financial market development
(2) To review achievements and progress in Asian bond market development under the ASEAN+3 Asia Bond Markets Initiatives (ABMI), Executives' Meeting of East Asia-Pacific Central Banks (EMEAP) and other initiatives
(3) To consider possible policy measures for further bond market infrastructure development in each country based on lessons learnt from other countries' experiences
(4) To consider possible policy measures to attract issuers, investors, and intermediaries based on lessons learnt from other countries' experiences
(5) summarize the main challenges and produce policy proposals for bond market development in their respective countries

Target Organization / Group

【Target Organization】 Central government organizations which are responsible for the bond market development policies including Central Bank, Financial Regulation Authority, Ministry of Finance, and etc.

【Target Group】
・Be a managerial-level official and is engaged in bond market development policies with at least 7-year experience in the field of bond/capital market development
・Have applied knowledge on bond market
・Have a sufficient command of speaking and writing English

Contents

【Preliminary Phase】
Formulating Position Paper on the current situation and challenges of bond market development in participating countries

【Core Phase in Japan】
1. Lectures and Discussions on the following topics;
Preconditions for the Development of Bond Markets in Southeast Asian Countries, ADB's role for Bond Market Development, Regional Collaboration in ASEAN, BOJ's role on Asian Bond Market Development, Security Market Related Laws and Regulation/ supervision in Japan,Clearing and Settlement Systems, Credit Ratings, Recent Securitization Problems, Social Safety Net and Bond Market, etc.
2. Report Presentation and Discussion: Position Paper, Policy Proposal on bond market development in their countries

【Finalization Phase】
Sharing the Policy Proposal with relevant organizations and formulating a final report on the result of sharing after participants return home

Program Period	2012/11/18 ～ 2012/12/1
Implementing Partner	Asian Development Bank
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	

Necessary Policy Measures and Reform Strategies for Financial System Stability in NIS Countries
NIS地域金融システム安定化政策と改革戦略

Region-Focused Solution | 1284243 Continuing

18 participants

Target Countries : New Independent States Countries

Sector : Economic Policy/Financial System

Sub-Sector :

Language : Russian

Appeal

This seminar is designed for officials of central banks and regulatory authorities. Through a series of practical lectures and discussion by Bank of Japan, Financial Services Agency, Deposit Insurance Corporation, and other related organizations, participants will make a policy proposal to contribute financial system stability in their countries and the NIS region.

Objective/Output

【Objective】
Policy proposal for stable financial system in each country formulated during the training will be shared among relevant organizations

【Expected Modules Outputs】
1. To understand and clarify the current problems of the financial system in each country
2. To understand the necessary policy measures for resolving non-performing loans.
3. To clarify major issues in the banking sector reform for each country in line with market principles
4. To clarify the necessary policy measures to recover public confidence and in the banking sector and promote saving
5. To formulate a policy proposal of prioritized issued for the financial stability

Target Organization / Group

【Target Organizations】
Central Bank, Financial Regulatory Agency, Deposit Insurance Agency, etc.

【Target Group】
- Be a managerial-level officials in charge of making and making policy on financial supervision and financial safety net, and reforming financial institutions
- Have at least 8-year experience in the field
- Be proficient in Russian

Contents

【Preliminary Phase】
Formulating Position Paper on the current situation and challenges in the field financial system in participating countries

【Core Phase in Japan】
1. Lectures, Discussions, Observation-tours on the following topics;
Banking sector development in transitional countries, Roles of banks in Japan, Japanese financial system/financial policies-post-war and recent reform, Deposit Insurance and Disposal of bad debt system in Japan, Privatization of governmental financial institutions, Functions and roles of cooperative financial institutions, role of SME finance, Current reform of government-affiliated financial institutions in Japan,
2. Presentation and Discussion
-Position Paper presentation and discussion
-Formulating Policy Proposal on reform strategies for financial system stability in participating countries

【Finalization Phase】
Sharing the Policy Proposal with relevant organization, and formulating final report on the result of sharing after participants return home

Program Period	2013 / 2/17 ～ 2013 / 3/16
Implementing Partner	Bank of Japan, Financial Service Agency etc.
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	Bank of Japan URL:http://www.boj.or.jp/en/index.htm Financial Service Agency URL:http://www.fsa.go.jp/en/index.html

Improvement of Banking Service
銀行業務改善

Region-Focused Trainers | 1284355 New

Target Countries : Myanmar

6 participants

Sector : Economic Policy/Financial System

Sub-Sector :

Language : Myanmar

Appeal

In Myanmar, new government was established March 2011 and starts the discussion on development of finance sector for achieving the market economy. In this context, improvement of banking services is one of the main topics. In this training course, human resource development for officials of central bank and staffs of state-run banks on banking service will be conducted.

Objective/Output

【Objective】
To improve the capacity of officials of central bank and staffs of state-run banks on proper banking services such as risk management

【Objective for each unit】
To understand the banking services in Japan and identify the problems which should be solved in Myanmar based on the comparison with Japan.

To understand proper banking services and utilize their knowledge and skills which are acquired in this training course.
To develop the action plan for improvement of banking services in Myanmar.

Target Organization / Group

Staff of Central Bank of Myanmar, Myanmar Foreign Trade Bank, Myanmar Investment and Commercial Bank.

A minimum of three (3) years of experience in banking service or banking regulation

Contents

Lectures and observation of banking services of Japanese private bank such as trading room, reception desk and etc.

Lectures on corporate strategy and management(Settlement, Fund Transfer, Developing Supervising Skills), Risk Management(Compliance, Operational Risk Management, Credit Risk Management, Market Risk Management), and International Banking and International Financial Market

Based on the result of above, participants identify the problems to be solved and develop the action plan for improvement of banking services in Myanmar.

Program Period	2012 / 8 / 7 ～ 2012 / 8 / 24
Implementing Partner	Banks in Japan
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2012～2014
Remarks and Website	

Customs Administration
税関行政

Group 1280931
Trainers Continuing
22 participants

Target Countries : Asia Pacific Region and African Region

Sector :Economic Policy/Public Finance (revenue)

Sub-Sector :

Language :English

Appeal

This course is designed to find out solutions through comparative studies on such operations and techniques in Japan and the countries.

Objective/Output	Target Organization / Group
【Objective】 The participants are expected to acquire the followings and to share them with related personnel; 1. knowledge of the global standards for Customs business, 2. outline of Japan Customs, 3. information based on comparisons with other countries, 4. core problem upon introducing and/or implementing those standards in participant's country will be shared in the respective Custom offices. 【Expected Results】 1. To review their own Customs administration by making a country report. 2. To understand the outline of Japan Customs and the global standards for Customs business. 3. To recognize the issue facing their own Customs by comparison to the global standards for customs business and the customs administration in Japan and other participating courtiers. 4. To understand PCM. 5. To hold the dissemination meeting for the related personnel to customs administration in their respective countries after returning.	【Target Organization】 Headquarters of Custom Administration 【Target Group】 Those who are in managerial posts or middle-managerial posts in Headquarters of Customs administration Work Experience: 3 years or more Have a sufficient command of English

Contents		
【Preliminary Phase】 Prepare a country report before coming to Japan. 【Core Phase in Japan】 1. The outline of Japan Customs and the global standards for Customs business. 2. The presentation of the country reports. 3. The comparative studies on such operations and techniques in Japan and the countries through the presentations of the country reports. 4. The lectures and practices on the PCM. 5. Prepare and present the action plans which describe solutions of the challenges the participant is facing with. 【Finalization Phase】 Hold a dissemination meeting for the related personnel to customs administration in their respective countries after returning.	Program Period	2012/11/ 7 ～ 2012/12/6
	Implementing Partner	Japan Customs
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.customs.go.jp/english/index.htm

International Taxation for Asian Countries
アジア国際課税

Region-Focused Trainers | 1284203 Continuing

18 participants

Target Countries : Thailand, Indonesia, Malaysia, China, Philippines, Vietnam

Sector : Economic Policy/Public Finance (revenue)

Sub-Sector :

Language : English

Appeal

This seminar is designed for middle-class officials who are engaged in tax examination in international taxation at national tax authorities. Through the seminar participants are expected to master the knowledge and lessons on rules, systems and administration of appropriate international taxation and to promote their proper implementation in participating countries. The seminar started in 2007 with a growing need on the issue in Asian countries.

Objective/Output

【Objective】
The knowledge and lessons on rules, systems and administration of appropriate international taxation mastered by participants through the training shall be shared among administrative authorities for national taxes after their return.

【Expected Module Outputs】
Through this program, participants are expected to:
1. clarify basic rules and systems of international taxation
2. acquire technical knowledge on rules of international taxation
3. clarify lessons on necessary practical skills for appropriate administration of international taxation
4. clarify current issues of international taxation in respective participants' countries
5. share the knowledge and lessons on rules, systems and administration of international taxation mastered by participants through the training among relevant departments of tax authorities after participants' return.

Target Organization / Group

【Target Organization】
Administrative authorities for national taxes excluding customs

【Target Group】
(1) Middle-class officials who are engaged (or had been engaged within the last 3 years) in tax examination in international taxation
(2) Have sufficient knowledge and experience in tax examination in international taxation
(3) Be proficient in English to be able to actively discuss on the subject of the Core Phase in Japan). TOEFL score of 550 PBT or 213 CBT is desirable.

Contents

【Preliminary Phase】
1. Making Job Report on the participant's job, and current major issues and challenges in the field of international taxation, and Auditing Case Report on a practical auditing case with international taxation in each country
2. Review participant's country's international taxation system and administration

【Core Phase in Japan】
1. Lectures: Outline of international taxation, Tax treaty, Mutual Agreement Procedures, Exchange of Information, Transfer Pricing Taxation, Advance Pricing Arrangement, International Tax Avoidance
2. Case Studies: Transfer Pricing Taxation, Mutual Agreement Procedures, International Tax Avoidance
3. Observations: Regional Taxation Bureau of the National Tax Agency
4. Presentation and Discussion: Job Report and Auditing Case Report prepared in the Preliminary Phase, the action plan for proper tax administration with using the knowledge acquired in Japan.

【Finalization Phase】
Sharing the knowledge and lessons mastered by participants through the training among relevant department of tax authorities, and making a Final Report on the result of sharing after participants return

Program Period	2012 / 5/21 ～ 2012 / 6/6
Implementing Partner	National Tax College (NTC)
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	http://www.nta.go.jp/ntc/kokusai/asia/asia.htm

Customs Administration for Latin American Countries
中南米地域 税関行政

Region-Focused Solution | 1284298 Updated

11 participants

Target Countries : Central and South American countries

Sector : Economic Policy/Public Finance (revenue)

Sub-Sector :

Language : Spanish

Appeal

This program is designed for each Governmental Customs Administration Bureau of participating countries to plan on strengthening their institutional capacity and improvement of their administration performance in order to promote international trade and investment in Latin American countries.

Objective/Output

【Course Objective】
Through comparison with customs administration of Japan and among the participating countries, problems of customs administration of each organization are clearly identified for simplification of customs system and improvement of efficiency, and thus an improvement plan is devised in the customs authorities of the participating country.

【Expected Module Outputs】
(1) Participants will be able to identify and share the issues and the institutional capacity of their customs system.
(2) Participants will be able to explain the General information of the customs and customs clearance system in Japan.
(3) Participants will be able to widen their knowledge of the customs clearance practice in Japan.
(4) Participants will be able to set a direction and formulate improvement plan based on the issue analysis and experience in Japan.

(5) The improvement plan, mentioned in the above (4), will be shared and studied in the participating organizations.

Target Organization / Group

【Target Organizations】
Customs Bureau of Each Government

【Target Group】
* Managerial post holders of customs administration of participating countries
* Customs officers engaged in the simplification of customs system and improvement of efficiency of the customs system/procedures are preferable.
* Age between 30 and 50 years, who has more than five (5) years of practical experiences.

Contents

【Activity in Preliminary Phase in home country】
The participants are required to prepare Country Report describing current situation, issues and problems of Customs Administration of participating countries.

【Activity in Core Phase in Japan】
Lectures: Japanese Customs administrative structure and system, Customs Practice, AEO, Risk Management (CIS, Inspection Standard), Customs Valuation Criteria, Post Clearance Audit, Enforcement, etc.
Site Visits: Customs facilities in Osaka port, Kobe port, Kansai International Airport, etc.
Lectures: Export/Import Clearance, Customs Valuation, Tariff Classification and Rating, Luggage/international post/Container inspection, Collection and Analysis of Information, Country of Origin, etc.

The participants formulate Action Plan for customs administration improvements for the participating countries, focusing on both simplification and improvement of efficiency of the customs system and procedures.

【Activity in Finalization Phase in home country】
The participants will submit Final Report to JICA, stating how the Action Plan was shared and disseminated in the participating organizations.

Program Period	2013 / 1/21 ～ 2013 / 2/9
Implementing Partner	Osaka Customs, Kobe Customs
JICA Center	JICA Kansai (I)
Cooperation Period	2012～2014
Remarks and Website	

Economic Development Policies
経済政策

Group 1280040
Solution Continuing
20 participants

Target Countries : All Countries

Sector :Economic Policy/Macro Economic Management

Sub-Sector :

Language :English

Appeal

Economic Development Policies are always of great importance in every country in the world. This course will provide an opportunity to learn how Japan has developed in a rapid and sustainable manner for decades after the World War II. Lectures here include industrial policies adopted in Japan, Overview of Japanese economic history, investment promotion,etc. Lectures cover a broad range of topics concerning the economic development in Japan and will give you lessons learnt through the experience of the last four or five decades. After joining this course, participants will be equipped with a variety of knowledge for industrial development, export promotion and other necessary policies for the economic growth in developing countries.

Objective/Output

【Program Objective】
The policy proposal based on the country's macro-economic policy, industrial policy, and development theory is shared and examined in the participating organization.

【Expected Module Output】
1. To acknowledge issues surrounding the economic development of participant's country
2. To enhance understanding of the economic development of Japan
3. To enhance understanding of how economic policies in the context of the integration of the global economy, development of regional economic cooperation, and policies for sustainable economic development
4. To deepen understanding of the role of the government and effective methods for the utilization of funds in a market economy
5. To formulate policy proposals in order to solve issues in participating countries
6. To share the policy proposal among the participating organization

Target Organization / Group

【Target Organization】
Central government organizations responsible for planning economic development policies

【Target Group】
・Middle management officials currently engaged in economic policy formulation and economic development reform with more than 7-year experience in the field
・Graduates of university in economics or those who have proper knowledge on economic development policy.
・Have a sufficient English (TOEFL CBT 213 (PBT 550))

Contents

【Preliminary Phase】
Formulation of Position Paper on the major issues in economic policies from a policymaker's viewpoint

【Core Phase in Japan】
1. Lectures, Discussions, Observation-tours on the following topics;
・Japanese economy after the World War II, the process of Japanese economic policies
・Market economy and the role of governments, trade and investment, structural adjustment and industrial policies
・SME development and regional development, Japanese agricultural policies
・Site visit (TOYOTA etc.)

2. Policy Proposal formulation, presentation, and discussion on the current economic development problems in participating countries

【Finalization Phase】
Sharing the policy proposal with relevant organization after participants return and revise the policy proposal based on the sharing result

Program Period	2012 / 6/ 3 ～ 2012 / 7/7
Implementing Partner	Cabinet Office, the government of Japan
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	http://www.esri.go.jp/index-e.html

Competition Policy and Law
競争法･政策研修

Group Trainers 1280896 Continuing

Target Countries :

6 participants

Sector :Economic Policy/Macro Economic Management

Sub-Sector :Governance/Legal and Judicial Development

Language :English

Appeal

This program is focused on establishment and operation of competition policy and law which is indispensable for economic growth. It intends to enhance capacity of staff of competition authorities with theoretical and practical knowledge on the issue. The two approaches to the issue, namely theoretical and practical ones, are highly appreciated by previous training participants. Especially abundant opportunities to study and discuss real cases dealt by Japan Fair Trade Commission surely contribute to establishment and operation of related policy and law in participants' home countries. Every year, participants successfully complete their report at the end of the program, which includes concrete plans and suggestions for improvement of system and human resource development in this field.

Objective/Output	Target Organization / Group
<Course Objective> Participants will share knowledge about contents, history, feature and actual condition of enforcement in Japanese competition policy and law with officers at the competition (related) authorities. <Expected Module Outputs> (1) Participants will be able to understand and explain the contents, history, features of competition policy and law in Japan (2) Participants will be able to explain operation and enforcement of competition policy and law in Japan (3) Participants will be able to explain the following things in the Study report: 1) actual enforcement of competition policy and law in Japan / 2) how to utilize the acquired knowledge and skills to solve the challenges in their home countries (4) Participants will share and examine the content of the Study report with officers at participants' organizations.	<Target Organization> Competition (related) authorities <Target Group> Be either government officials (1) in charge of operations at competition authorities in countries with comprehensive competition laws already in place (2) in charge of drafting comprehensive competition laws, or competition advocacy in countries without comprehensive competition laws (3) involved in competition policy (Specifically, those in charge of operation of sector specific business laws)

Contents

<Activity in Preliminary Phase in home country>
Making a country report on the current situation

<Activity in Core Phase in Japan>
Lectures:
(1) The elements and history of the Antimonopoly Act
(2) Private Monopolization, Cartel and Bid-rigging
(3) Prior Consultation for Cases of M&A, Investigation Procedures
(4) Competition Policy and Industrial Policy, Industrial Organization
(5) Comparison of Competition Laws in different countries
Practice: Case Study, Observation: Japan Fair Trade Commission
Presentation: Study Report (actual enforcement of competition policy and law in Japan, how to utilize the acquired knowledge and skills to solve the challenges)

<Activity in Finalization Phase in home country> Study Report will be shared and examined among participating organizations after 3 months from the training.

Program Period	2012 / 8/20 ～ 2012 / 9/15
Implementing Partner	Japan Fair Trade Commission (JFTC)
JICA Center	JICA Kansai (I)
Cooperation Period	2010～2012
Remarks and Website	JFTC homepage http://www.jftc.go.jp/en/

11. Private Sector Development

Coordinator Training for Tertiary Education-Industry-Government (T-I-G) Link to Develop Local Industry Sector
地域産業育成のための産学官連携コーディネータ養成

Group 1280051
Solution Continuing

Target Countries : intend to foster the local industry by T-I-G activity.
10 participants

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :English

Appeal

Aiming to enhance the technology level of local industry sector, the training is to cultivate coordinator's capabilities utilizing Japanese knowhow and experiences.

Objective/Output

【Objective】
The T-I-G linkage at tertiary education institution in the developing country has been promoted through enhancing the basic knowledge and ability concerned.

(Output 1) Identify the existing problems of T-I-G collaboration, shared in the respective institutions.

(Output 2) Acquire and understand the basic knowledge of T-I-G linkage collaboration.

(Output 3) Understand the industrial needs and improve the needs identification ability as well as the Needs - Seeds matching ability.

(Output 4) Fix the action plan, through skill improvement of T-I-G linkage collaboration and knowledge obtained in the training.

(Output 5) Be able to disseminate the T-I-G collaboration knowledge in own institutions, to conduct the need -seed matching activities further and to convince all the local related sectors that the T-I -G link is really useful.

Target Organization / Group

<Target Organization>
Universities and other organizations related to T-I-G link including governmental bodies concerned.

<Target Group>
Officers and Researchers who is in charge of / has experience of U-I-G linkage in their University / Institute / Ministry.

Contents

[Preliminary Phase in home country]
(1) Identify and shared the existing conditions and problems of T-I-G collaboration in the own institution and compile the facts & motivation reports. And, personal objectives and action plan will be identified through discussions with the lecturers.

[Core Phase in Japan]
(2)Acquire lecture and practice with case study of Intellectual Property Rights, Technology Management and Technological Marketing.
(3) Learning and matching case study by using Model Company and actual cases. Practice on the job training at actual company for needs-seeds matching.
(4)1st year trainee formulates an improvement plan of the institutions, the 2nd year trainee advances the improvement plan, and final year trainee is to formulate the result report as the results for 3 years and finalizes action plan.

[Finalization Phase in home country]
(5)Disseminate the acquired knowledge in own institutions through seminars, etc. Also seminars on T-I-G link for all the sectors (T, I and G) are expected.

Program Period	under planning
Implementing Partner	Toyohashi University of Technology
JICA Center	JICA Chubu
Cooperation Period	2010～2012
Remarks and Website	

Small and Medium Enterprise Development Policies
中小企業振興政策

Group 1280070
Solution Continuing
10 participants

Target Countries :

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language :English/Spanish

Appeal

This training course is designed as basic level. It provides theory and practice of lessons learned from the experience of SMEs promotion in Japan with cooperation of governmental institutions, private companies and universities. It promotes capacity building for problem solving in a systematic way by analyzing the case study of Japan and each participant's country. This course will be conducted 4 times, in languages such as English and Spanish.

Objective/Output

[Course Objectives]
An Action Plan to promote SMEs development will be formulated utilizing the knowledge acquired from the training by the participant's organization.

[Expected Module Outputs]
1. Participants will be able to understand and explain the role of policy and promotional measures for SMEs development based on Japanese and other participant countries' cases.
2. Participants will be able to point out the current situation and problems of SME promotion measures, and role of implementing agency in Japan.
3. Participants will be able to assess own country's status on business environment development through comparative discussion with Japan and participating countries' approach, and tentative Action Plan will be made utilizing the knowledge acquired from the training.

Target Organization / Group

【Target Organizations】
*Fix the target organization for three years (2011-2013).
Government ministry, Local government and Implementing agency for SMEs development

【Target Group】
1)This program is offered to officials working on government or implementing organizations for SMEs development, being expectable to get wide range of basic ideas and knowledge about SME policy & promotion measures as a generalist./

2)have at least two (2) years' experience working for SMEs development,

Contents

[Activity in Preliminary Phase in a participant's home country]
Submission of Inception Report and Pre-study Report.

[Activity in Core Phase in Japan]
Output 1
(1) Inception Report presentation
(2) Discussion on SME policies and promotional measures in participants' country
(3) Lecture on SME policies and promotional measures in Japan

Output 2
Lecture and Visit to respective implementing organizations and SMEs to understand Management assistance, Financial assistance, Technological assistance, Human recourse development, Globalization assistance.

Output 3
(1) Comparative discussion about each country's SME policies among participants
(2) Preparation and presentation of tentative Action Plan

[Activity in Finalization Phase in home country]
Submission of Progress Report of Action Plan within 6 months after the training, and sharing the information with next year participant.

Program Period	2012 / 9 / 2 ～ 2013 / 3 / 16
Implementing Partner	Pacific Resource Exchange Center/Prefectural University of Hiroshima/Shikoku Productivity Center
JICA Center	JICA Kansai (I) /JICA Chugoku/JICA Shikoku
Cooperation Period	2011～2013
Remarks and Website	This training is carried out 4 times by the same contents at JICA Kansai, JICA Chugoku (for Central and South American Countries), and JICA Shikoku (for African Countries)

Practical Corporate Management for Productivity Improvement through Practical KAIZEN and Quality Control Methods
生産性向上のための実践的経営管理

Group 1280842
Trainers Updated
11 participants

Target Countries :

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :English

Appeal

Participants master the corporate management techniques for productivity improvement (mainly 5S and KAIZEN in the manufacturing industries or enterprises) through practical activities including In-Plant Practice.

Objective/Output	Target Organization / Group
【Objective】 Corporate management techniques of consultant/adviser at organizations which are in charge of productivity improvement for enterprises are improved. 【Objective for each unit】 -To analyze the current point to Improve productivity in own country -To master the corporate management techniques for productivity improvement. -To utilize the mastered corporate management techniques in the onsite practice and make a suggestive report for improving productivity of the model enterprise. -To make respective Action Plans on how to provide consultation services to the companies in their own countries.	<Organization> Public/Private organizations to promote/implement production management or productivity improvement activity for SMEs <Group> Consultants or advisers who are in the position to implement business management or productivity improvement activity of manufacturing SMEs. person who has knowledge and experience on overall business management,production management techniques etc.

Contents

Submit inception report and conduct preliminary survey to the model enterprise (Pre-programme phase)

Special characteristics of Japanese management and corporate support systems related to enterprise activities, Integrated practical production management, Cultivating human resources, business strategies, added value analysis, Overview and practice of productivity improvement activities

Practice in Enterprise Worksite Improvements, Implementing Improvement Proposals

Creating Action Plans on how to provide the consultation services for productivity improvement.

Implementing consultation services to the model enterprise that they selected before coming to Japan in accordance with their Action Plans (Post-programme phase)

Program Period	2013 / 1/27 ～ 2013 / 3/14
Implementing Partner	Under Planning
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2012～2014
Remarks and Website	

Financial and Technological Support for Small and Medium Enterprises Promotion
中小企業振興のための金融･技術支援

Group 1280995
Solution Continuing
11 participants

Target Countries :

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :Economic Policy/Financial System

Language :English

Appeal

This training course is designed as a middle level. It provides theory and practice especially on financial and technological support for SME promotion by analyzing the case study of Japan and each participant's country. It promotes capacity building for formulation and implementation of the related policies and measures.

Objective/Output

[Couse Objective]
By officials working in government ministry, local government and public agency implementing SME promotion, the plan for SMEs development policy (financial and technological support) will be made and implemented.

[Expected Module Output]
1. Participants will be able to explain current situation and problems about SMEs and SME development policies.
2. Participants will be able to analyze the role of SME development policies especially for financial and technological support based on Japanese cases.
3. Participants will be able to analyze the current situation and problems of SME promotion measures and the role of implementing organization in Japan.
4. Participants will be able to make tentative Action Plan for SME development policies especially for financial and technological support.

Target Organization / Group

[Target Organization]
Ministries in charge, local government, public institution and chamber of commerce working for SME promotion (especially financial and technological support). The application from the same organization is desirable in order to achieve the course objective set for three year period.

[Target Person]
Officials who have at least three (3) years' experience working for SMEs development.

Contents

[Preliminary Phase in a participant's home country]
Submission of Inception Report and Pre-study Report.

[Core Phase in Japan]
(1) Inception Report presentation
(2) Lectures, site visits and discussions on SME development policies especially for financial and technological support based on Japanese cases
(3) Lectures, site visits and discussions on current situation and problems of SME promotion measures and the role of implementing organization based on Japanese cases.
(4) Preparation and presentation of tentative Action Plan for SME development policies especially for financial and technological support.

[Finalization Phase in a participant's home country]
Submission of Progress Report of Action Plan within 6 months after the training, and sharing the information with next year participant.

Program Period	2012 / 8 / 13 ～ 2012 / 12 / 15
Implementing Partner	Pacific Resource Exchange Center http://www.prex-hrd.or.jp/index_e.html
JICA Center	JICA Kansai (I)
Cooperation Period	2010～2012
Remarks and Website	This training is carried out 3 times by the same contents at JICA Kansai. A: Aug.-Sep. B: Oct.-Nov. C: Nov.-Dec.

The Policy of Regional Industry Promotion for South East European Countries
南東欧地域産業振興政策

Region-Focused Solution | 1284039 Continuing

Target Countries : South East European Countries

8 participants

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :English

Appeal

This program is designed for the central/local governments and affiliated organizations to launch the improvement plan on regional industry/SME promotion.

Objective/Output	Target Organization / Group
【Course Objective】 The consideration to implement the Action Plan to improve the existing regional industry or SMEs promotion policies / measures made by the participants are started under the initiative of the participant's organization. 【Expected Outputs】 (1) The situation of the country or organization are described in Job/Country Report, and also, the problems and causes of the country or organization are extracted and analyzed in the Issue Analysis Sheet, (2) The participant is able to explain the concept of Japan's regional industry promotion, (3) The participant is able to explain the roles of different actors in promoting regional industries, their networking effort and the practical measures of regional industry promotion, (4) Action Plan to improve the existing regional industry promotion measures and/or practices of the participant's country or organization is formulated, (5) Action Plan is shared within the participant's organization	【Target Organizations】 Central and local governments as well as affiliated organizations in charge of regional industry promotion 【Target Group】 ・Officials who are responsible for regional industry / SME promotion at the central or local level ・Have experience in the subject field for 5 years or more ・Have university degrees or the equivalent back ground, and have sufficient command of English

Contents		
【Preliminary Phase】 (1) Preparation and submission of the materials for Job/Country Report presentation and Issue Analysis Sheet <Job / Country Report Presentation and Issue Analysis Workshop is held at the beginning of the core phase in Japan> 【Core Phase in Japan】 (2) Overview of Japan's regional industry (3) Overview of Japan's regional industry/SME promotion policies by the central and local governments (The following contents are included; ①Regional industries and regional business start-ups, ②Networking between private financial institutions and enterprises, ③Networking among industry, academia and government, ④Case of 3rd Sector, ⑤HRD, ⑥SME's practices ⑦Practice of Business Plan evaluation (4)Formulation of Action Plan 【Finalization Phase】 (5) Presentation and submission of Action Plan to the participant organization, and submission of Progress Report to JICA	Program Period	2012 / 6 / 20 ～ 2012 / 7 / 28
	Implementing Partner	Prefectural University of Hiroshima, Hiroshima International Center
	JICA Center	JICA Chugoku
	Cooperation Period	2010～2012
	Remarks and Website	

Production Management for Southeast European Countries
南東欧地域 生産管理

Region-Focused Trainers | 1284041 Continuing | 8 participants

Target Countries : Southeast European countries

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language : English

Appeal

This program is for SME/SME promoting organizations to acquire Japanese theory & practice for economic development, production management, business management and quality management to propose feasible solutions for issues. It consists of mainly lectures and site visit, and participants will be able to deepen their understanding by the combination of theory and practice.

Objective/Output

【Objective】
Every participant shares and implements its Action Plan, and feedback its result to JICA, within 3 month

【Expected Outputs】
(1) To understand clues of Japanese style management
(2) To acquire theory and practical methods of production management, quality control and sanitary control of Japanese enterprises
(3) To acquire basic theory and practical methods of financial management, and marketing
(4) To understand theory and practical way of human resource development ideal and method for business management, such as 5S
(5) To propose an action plan based on the lessons learnt from this course

Target Organization / Group

【Organizations】
National/private enterprises (in principle manufacturing industry) ; or Governmental SME (Small and Medium-sized Enterprises) promotion agency

【Personal Qualifications】
<Current duties>
Managers/senior staff members
<Experience>at least 5 years in the relevant field
<others>those who respect harmony in a group training

Contents

【Preparatory Phase】
Every participant submit Country Report and prepare for presentation

【Core Phase】
(1)business strategy for SMEs, Japanese style management, business management, methods for practical management
(2)quality control, production management
(3)marketing, financial management
(4)theory and practical methods of 5S, case study of 5S, human resource management using case methods
(5)orientation, country report presentation, action plan proposal and presentation

【Finalization Phase】
To hold an open seminar to share and promote Action Plan, then report its result to JICA within three (3) months

Program Period	2012 / 5/23 ～ 2012 / 6/29
Implementing Partner	Northern Advancement Center for Science & Technology, Kobayashi Management Research Office
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	suspension in 2011

Andean Region One Village One Product Promotion
アンデス地域 一村一品推進

Region-Focused Solution | 1284092 Continuing

13 participants

Target Countries : Latin American Countries, especially Andean Region

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector : Urban/Regional Development/Regional Development

Language : Spanish

Appeal

This program is conducted for introducing One village, One Product(OVOP) movement as a policy for rural development promotion and its policy making, not for simply improving technical skills in specific areas. The Onpaku Approach is also introduced as a development approach.

Objective/Output

Program Objective: To recognize a policy structure for community capacity development, its necessity and concept, experience of Oita Prefecture and countries of participants and applicability of such concepts to rural development in home countries.

Expected Module outputs:
1. To understand concepts of community capacity development

2. To understand structures and approaches for community capacity development based on cases of Oita Prefecture experiences including OVOP movement.

3. To understand structures of project design, implementation and evaluation for rural development.

4. To make an action plan based on analysis of community capacity development in home countries.

Target Organization / Group

Central / Local government or private organization in charge of one village, one product movement
with more than 5 years' experience in this field

Contents

1. Introduction and Lectures:
(1) Community capacity development,
(2) Planning and evaluation

2. Study tour:
(1) Oyama Town Agricultural Cooperative, Oyama Town Regional Development Bureau,
(2) Souja Onpaku
(3) Kurokawa Onsen, Ajimu Wine
(4) Beppu Hatto Onpaku

3. Group discussion (Case study) based on study tour for understanding of cases in Oita prefecture

4. Group discussion for making an Action Plan

Program Period	2012/10/25 ～ 2012/11/11
Implementing Partner	Ritsumeikan Asia Pacific University
JICA Center	JICA Kyushu
Cooperation Period	2010～2012
Remarks and Website	

Business Management for Asian and East European Countries
アジア･東欧地域 経営管理

Region-Focused Trainers | 1284142 Continuing

7 participants

Target Countries : Russian speaking countries and Mongolia

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :Russian/Mongolian

Appeal

This program is for SME/SME promoting organizations to acquire Japanese theory & practice for business management, production management and SME promotion to propose feasible solutions for their issues. It consists of mainly lectures and site visit, and participants will be able to deepen their understanding by the combination of theory and practice.

Objective/Output

【Objective】
Every participant shares his/her action plan, which considers Japanese style management, such as 5S, in its organization. Then, he/she feedbacks its result to JICA within 6 month from the end of training in Japan

【Expected Outputs】
(1) To understand clues of Japanese style management
(2) To acquire theory and practical methods of production management, quality control and sanitary control of Japanese enterprises
(3) To acquire basic theory and practical methods of financial management, and marketing
(4) To understand theory and practical way of human resource development ideal and method for business management, such as 5S
(5) To propose an action plan based on the lessons learnt from this course

Target Organization / Group

【Organization】
National/private enterprises (in principle manufacturing industry) ; or Governmental SME (Small and Medium-sized Enterprises) promotion agency

【Personal Qualification】
<Current Duties>
Managers/executive members
<Experience>
at least five (5) years in the relevant field
<others>
those who respect harmony in a group

Contents

【Preparatory Phase】
country report preparation

【Core Phase】
(1) business strategy for SMEs, Japanese-style management, business management, methods for practical management
(2) business management, marketing
(3) production management, financial management
(4) theory and practical methods of 5S, case study of 5S, human resource management using case methods
(5) orientation, job report presentation, action plan proposal and presentation

【Finalization phase】
Every participant shares his/her action plan, which considers Japanese style management, such as 5S, in its organization. Then, he/she feedbacks its result to JICA within 6 month from the end of training in Japan

Program Period	2012 / 8 / 22 ～ 2012 / 9 / 28
Implementing Partner	Northern Advancement Center for Science & Technology and Kobayashi Management Research Office
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	【Program period】 (A):November 7 to December 14, for Russian speaking countries, (B):August 22 to September 28, for Mongolia

Empowerment of Export through Promotion of Small and Medium Enterprises in SAARC Region
SAARC諸国における輸出力強化のための中小企業振興

Region-Focused Solution | 1284145 Continuing

Target Countries : SAARC Member Countries

8 participants

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language : English

Appeal

The reconstruction of Japanese economy from the devastation of World War 2 largely owes to the national SMEs promotion policies and the effort of SMEs. These experiences are useful in development of SMEs and promotion of export in SAARC region. Through the discussions among the lecturers and participants, and observation to Japanese SMEs, the participants are expected to acquire the knowledge and know-how to implement promotional policies and to guide the SMEs in respective countries.

Objective/Output

【Objectives】
Draft Action Plan developed by the participants on the effective ideas to strengthen SMEs export competition in SAARC region will be shared with the stakeholders in respective countries.

【Outputs】
1. To share the current situation and challenges of SMEs in respective countries.
2. To understand Japan's trade promotion policies, the role on export competition by supporting organizations and business service consultants
3. To understand current activities by SMEs.
4. To understand supporting systems for SMEs' export competition ; financial supporting system, environmental policy, and so on
5. To develop the draft action plan proposing practical method to solve the challenges analyzed in the Job Report.

Target Organization / Group

【Target Organizations】
Chamber of Commerce and Industry, Governmental Organization promoting trades

【Target Group】
1. Officials or staff of the target organizations
2. With more than 3 years of occupational experiences in this field.
3. University graduates or the equivalent

Contents

[Preliminary Phase]
1. Preparation of Job Report on SMEs exports promotion in each country.

[Core Phase in Japan]
1. Lectures, observations, and discussions on followings will be conducted.
 *SMEs supporting policies, systems, organizations and its roll.
 *Management principle, financial management.
 *Strategies on strengthening export competitiveness, 5S activities, formulation of the competitive and cooperative relation in the region.
 *History of the development of Japanese industries after the WW 2, trends on products making, SMEs marketing.
2. Development of the draft action plan, and its presentation and discussion.

[Finalization Phase]
1. Presentation and discussion of the draft action plan among the stakeholders in respective countries.
2. Submission of the final report on action plan.

Program Period	2012 / 6 / 10 ～ 2012 / 6 / 30
Implementing Partner	KANAGAWA IGUREN
JICA Center	JICA Yokohama
Cooperation Period	2011～2013
Remarks and Website	≪KANAGAWA IGUREN)≫ http://www.kanagawa-iguren.com/

Regional Industrial Development by Public-Private Partnership for Central American and Caribbean countries
中米･カリブ地域　官民パートナーシップによる地域産業振興

Region-Focused Solution | 1284216 Continuing

11 participants

Target Countries : Central American and Caribbean countries

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector : Urban/Regional Development/Regional Development

Language : Spanish

Appeal

To examine and practice the regional industrial development measures by utilizing local resources such as processed agricultural products, crafts, and regional tourism (green tourism) through public-private partnership.

Objective/Output

[Course Objective]
For the sustainable regional industry promotion, issues will be organized and an Action Plan will be proposed from a viewpoint of public-private collaboration by each participating organization.

[Expected Module Output]
1. To organize current situation and issues of sustainable regional industrial development by utilizing local resources.
2. To organize current situation and issues of public-private collaboration for regional industrial development.
3. To propose tentative Action Plan for future regional industrial development reference to Japanese and participating organization's approaches.

Target Organization / Group

[Target Organization]
1) Local Government, Chamber of Commerce and Industry and other organizations working for promotion of local industry.
2) Associations for local industry.

[Target Person]
1) Officials (public and private sector) who are involved in promotion of local industry.
2) Officials who have more than three years' experience in promotion of local industry. Basically, officials from same region are recommendable

Contents

[Activities in Preliminary Phase in a participant's home country]
Submission of Inception Report

[Activity in Core Phase in Japan]
(1) Lectures, site visits and discussions on sustainable regional industrial development by utilizing local resources
(2) Lectures (Role of public and private in public-private partnership, Regional industrial development and public-private partnership, etc.) ,site visits (Tokushima IRODORI, Nara KOBOKAIDO, etc.) and discussions on current situation and issues of public-private collaboration
(3) Inception Report presentation, discussions, Action Plan presentation

[Activity in Finalization Phase in home country]
Submission of Progress Report of Action Plan within 6 months after the training, and sharing the information with next year participant.

Program Period	2012 / 8/20 ～ 2012 / 9/14
Implementing Partner	Pacific Resource Exchange Center http://www.prex-hrd.or.jp/index_e.html
JICA Center	JICA Kansai (I)
Cooperation Period	2010～2012
Remarks and Website	

Practical Production Management (Theory and Practice on Productivity Improvement) for South America
南米地域 生産性向上実践技術

Region-Focused Solution | 1284221 Continuing | 8 participants

Target Countries : South America

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language : Spanish

Appeal

This program is designed for industrial policy makers and factory managers to acquire the practical skills and knowledge regarding quality control and productivity improvement.

Objective/Output	Target Organization / Group
<Project Objective> factory managers and engineers acquire the practical abilities to improve the productivity and the quality on the production site. <Expected Module Objective> (1) Understanding the outline of productivity and the reason why productivity is important. (2) Acquiring the method to find out Muda=Waste on the production site. (3) Acquiring the method and the techniques of solving quality problems on the production site. (4) Making a feasible action plan based on the program.	Technical support organization, support organization for small and tiny company or model private company

Contents		
<Preliminary Phase> Formulation of reports etc. to present current situation of participants' country / organization <Core Phase in Japan> Productivity and management engineering productivity factors basis of IE, single arrangement, Poka Yoke, JIT, TQM, TPM Improvement practice at production site, Improvement practice on motion Outline of QC, basis of SQC, QC seven tools, sampling inspection, control chart, small group activity, new QC seven tools, employee education of Japanese company Outline of TAGUCHI Method <Finalization Phase> Formulation and submission of reports to present progress of Action Plan	Program Period	2012 / 10 / 15 ～ 2013 / 2 / 9
	Implementing Partner	KITA (Kitakyushu International Techno-Cooperative Association)
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Community Capacity and Rural Development Promotion for Asia Countries -One Village One Product-
アジア地域 地域振興(一村一品運動)

Region-Focused Solution | 1284222 Continuing

Target Countries : Asia

11 participants

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector : Urban/Regional Development/Regional Development

Language : English/Vietnamese

Appeal

This program aims to support participants who work out local industry promotion plans to construct frameworks that promote the development of the overall industrial capacities of their respective local communities.

Objective/Output

<Program Objective>
Clarification of rural development policy (One Village One Product Movement) in the central, provincial, and rural government is achieved, and the plan for its localization to the rural development context is approved in the participant's home countries.

<Expected Module Output>
(1)Concepts of community capacity and rural development is organized.
(2)Practical system and approach for community capacity and rural development based on the cases of Oita Prefecture experiences including One Village One Product Movement is organized.
(3)Analysis for rural development based on community capacity development is practiced, and Action Plan is formulated.
(4)Action Plan on regional development is approved in the participants' organization after the training.

Target Organization / Group

<Current Duties>
Be Central/Rural midlevel leaders who are in charge of planning / implementing / evaluating the rural development.

<Experience in the relevant field>
Have more than 8 years of occupational experience in the above-mentioned field.

<Educational Background>
Be university graduates or those who have equivalent knowledge.

<Language>
Have a competent command of spoken and written English

Contents

<Preliminary Phase>
Preparation of Reports on responsibilities and challenges of participating organization

<Core Phase in Japan>
(1) Lecture and discussion on theory and concept: Community capacity development, Planning and evaluation, Role of government/ Japanese administrative system, Marketing and brand promotion, Development method and approach
(2) Study tour (lecture and observation) ：Beppu Hatto Onpaku, Bungo Takata City, Oyama Town Agricultural Cooperative(Co.), Oyama Town Regional Development Bureau, Kurokawa Onsen Tourism Co., Oita Agricultural Co., Oita OVOP Committee, Group discussion based on study tour
(3) Presentation of Inception report, Group discussion (based on Inception report), Formulation and Presentation of Interim report (Action plan)

<Finalization Phase>
Review Action Plan(AP) and make a report on its progress.

Program Period	2012 / 6 / 10 ～ 2012 / 6 / 29
Implementing Partner	(A) Ritsumeikan Asia Pacific University (B) Nagoya University
JICA Center	JICA Kyushu
Cooperation Period	2010～2012
Remarks and Website	・Program Period of (B) course: 2012/10/8～2012/11/3 ・Target Country: Vietnam only

Small and Medium Enterprises/Local Industry Activation for Central and South American Countries
中南米地域 中小企業･地場産業活性化

Region-Focused Solution | 1284226 Continuing

16 participants

Target Countries : Central and South American Countries

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :Spanish

Appeal

This program is designed to formulate action plan for the promotion of Small and Medium Enterprises(SME) and Local Industry Activation in participant's organization in Central and South America.

Objective/Output	Target Organization / Group
Action Plan for the promotion of SME and Local Industry Activation is formulated in participant's organization (1)To be able to analyze problems and understand the administrator's role through learning Japanese policy for the promotion of SME and local industry activation (2)To be able to analyze problems by acquiring knowledge of management and marketing essential for the promotion of SME and local industry activation. (3)To be able to analyze problems and understand the essential benchmark through the inspection of SME and local industry in Japan. (4)To be able to formulate Action Plan for the promotion of SME and local industry activation. In participant's home country, Action Plan for the promotion of SME and local industry activation is considered.	Public institutions in charge of small and medium enterprises / local industry activation More than 5 year experiences

Contents		
Japanese industrial development and role of SME, Kitakyushu City's policy of the promotion of the SME and international trade, Cooperation of industrial-academic complex, The role of Chamber of Commerce and Industry, the university of SME, One Village One Product Movement in Oita city. Management strategy in SME, Quality control, Financial management, Marketing, Human Resource Management, Innovation of Productivity. Inspection of SME and local industry in Japan (Tobata Turret, TOTO High Living LTD., Sunaqua TOTO, Matsumoto Industry Co.,Ltd.) Lecture and workshop of Break Through thinking, Strategy-making through workshop, Discussion, Job Report Presentation, Action Plan Presentation In participant's home country, Action Plan for the promotion of SME and local industry activation is considered.	Program Period	2012 / 7 / 29 ～ 2012 / 8 / 25
	Implementing Partner	KITA(Kitakyushu International Techno-cooperative Association)
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Community Capacity and Rural Development - Focusing on One Village One Product - for African Countries
アフリカ地域産業振興（一村一品）

Region-Focused Solution | 1284252 Continuing

12 participants

Target Countries : African Countries

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector : Urban/Regional Development/Regional Development

Language : English

Appeal

Introduce the concept of One Village One Product Movement in Japan as a tool for rural community development and learn how to use it in African countries.

Objective/Output

<Object>
Sorting out issues and constraints to implement OVOP program and compile action plan in participants' home countries

<Outputs>
1. To understand OVOP concept and rural development/local government activities from Japanese experience
2. To understand theory and method of community development using local resources
3. To understand marketing system, especially, product oriented marketing and relationship marketing
4. To understand countermeasure for mid-long term challenges e.g. sustainability and training leadership for OVOP program
5. To make action plan and understand implementation method through training

Target Organization / Group

<Target Group>
Central and local officials who are in charge of planning, implementing and evaluating rural development and local industry promotion.

<Relevant Experience>
More than 3 years of occupational experience in the above-mentioned field.

Contents

<Preliminary Phase>
Preparation of Reports on responsibilities and challenges of participating organization

<Core Phase in Japan>
・Rural development and local administration system
・Community development, capacity development and utilization of local resources
・Direct sales marketing
・ONPAKU (test marketing method)
・Logistics on distribution
・Analysis of challenges of sustainability in OVOP program
・Make training plan for human resources
・Analysis current situation and challenges in each country
・Make action plans (Interim Report)

<Finalization Phase> Review Action Plan(AP) and make a report on its progress

Program Period	2012 / 5/ 9 ～ 2012 / 5 / 27
Implementing Partner	Ritsumeikan Asia Pacific University
JICA Center	JICA Kyushu
Cooperation Period	2010～2012
Remarks and Website	Program Period of (B) course: 2013/3/27～2013/4/14

Improvement of Management and Productive Efficiency of SMEs in Mercosur
メルコスール地域における中小企業の経営･生産性向上

Region-Focused Solution | 1284271 Updated

10 participants

Target Countries : South America

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :Spanish

Appeal

For smoother transfer the technologies of workplace improvement(KAIZEN) implemented by Japanese companies to Mercosur countries, to train and enforce human resources to promote and support SMEs, especially in industries.

Objective/Output	Target Organization / Group
【Objective】 Knowledge and the measure for application of Productivity Improvement, 'Kaizen' are prevailed among public organizations to incubate and/or support SME, especially target to industries. 【Objective for each unit】 [Unit 1] To clarify the issue on the policy to support SME in participant's own country [Unit 2] (1st.year) Comprehension of Production Methods (2nd.year)Comprehension of methods for planning and production used in Japanese companies (3rd.year)Comprehension of both for (1st.year) and (2nd.year) [Unit 3] To clarify the issue to apply the idea using various method discussed in Unit 2 after returning own country [Unit 4] Making Action Plan to apply after returning each country [Unit 5] Improvement inside and outside of organization are implemented based on Action Plan	-Public organizations to incubate and/or support SME -Person in level of practical job -3 years of experience in SME promotion

Contents		
[Unit 1] To present the current situation and issues on the productivity of SME and public incubate and support organization for SME in own country. Set the subject on the policy based on the example from Japanese SME and surrounding countries reported by other participants [Unit 2] (1st.year) To introduce the method for productivity improvement and concept of 'Monodzukuri.' Discuss the feasibility to apply them to SME in own countries. (2nd.year) Discuss on the methods for planning/production. (3rd.year) Based on the report, complement planning/production methods. [Unit 3] (1st.year/2nd.year) To discuss on the policy to apply method to organization to support the improvement of SME production as discussed in Unit 2. (3rd.year) reconsider the policy based on the analysis of situation in past 2 years and the result of activities after returning [Unit 4] To make action plan to apply in own organization based on the outcome from Unit 3 [Unit 5] To implement the Action Plan after returning and report the result	Program Period	under planning
	Implementing Partner	Under Planning
	JICA Center	JICA Chubu
	Cooperation Period	2012～2014
	Remarks and Website	

Promotion of Coordination for SMEs Support
中小企業支援法制度検討支援

Region-Focused Leaders | 1284273 Updated

8 participants

Target Countries : Viet Nam

Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language :Vietnamese

Appeal

To obtain the idea of the preferable legal and support system for Vietnamese SMEs through lectures, site visit and group discussion. Every year participants will discuss on specific issue and submit suggestion or improvement plan.

Objective/Output	Target Organization / Group
【Objective】 Participants who are involved in the preparing process of SMEs' support law obtain the idea of the preferable legal and support system for SMEs in Vietnam through lectures, site visit and group discussion. 【Objective for each unit】 To analyze and classify the issue on supporting Vietnamese SMEs. To understand the process and method of SMEs Agency to make SMEs support policy. To understand the activity of SMEs support by Japanese public organizations. To understand the SMEs supporting activity by Local government and the technical support by Technical Assistant Center for SMEs. To discuss on the idea of the preferable legal and support system for SMEs in Vietnam and submit suggestion.	Ministry of Planning and Investment, Ministry of Industry and Trade, Ministry of Science and Technology, and other public organizations including local government which provide SME support. Public organization staffs who are in charge of SME support policy making or activity over 3 years' experience

Contents		
Creating Inception Report (Preliminary phase) Outline of Japanese Government's SMEs support policy including the Small and Medium Enterprise Basic Law System and method to implement the SMEs support policy Process and method of SMEs Agency to make and implement SMEs support policy Activity of Technical Assistant Center for SMEs The Current situation of SMEs support by local government To analyze and classify the current issue on supporting Vietnamese SMEs and discuss on the idea of the preferable legal and support system Creating suggestion or improvement plan as Final Report (Finalization phase)	Program Period	2012/11/25 ～ 2012/12/15
	Implementing Partner	Under Planning
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2012～2014
	Remarks and Website	

Dissemination of Productivity Improvement Activity in the Latin-American Countries (In Cooperation with Volunteer Activities)
中南米地域生産性向上活動普及（ボランティア連携）

Region-Focused Solution | 1284301 Updated

Target Countries : Central and South America

10 participants

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language : Spanish

Appeal

By learning such knowledge as system and practice on KAIZEN movement, 5S and TQM for PYMES manufactures in Japan, participants should be able to elaborate the plan of introducing these methods for productivity improvement in their own countries and to implement the plan.

Objective/Output

【Objective】
A rough plan is made to introduce the productivity improvement technologies into participants' organization.

【Objective for each unit】
(1)To be able to explain the concepts of quality/production control

(2)To be able to recognize and solve issues concerning 3M (MURI(irrationality), MUDA(waste), and MURA(inconsistencies)); at the production site

(3)To be able to propose feasible improvement plans concerning issues in quality/production control according to the situation of the actual job site

(4)Implementation of the Action Plan

Target Organization / Group

Institutions in charge of support of small and tiny companies receiving guidance from JICA Senior Overseas Volunteers

Persons who give management or technical guidance

Persons who are currently engaged in production management of manufacturing and assembling industries, and have at least 5 years of work experiences in the fields concerned

Persons who are university graduates from the faculty of engineering, or the equivalent

Contents

<Preliminary Phase>
Formulation of report to present current situation and challenges of the participant's organization/workplace

<Core Phase in Japan>
(1)Basic concept of corporate management, Overview of production control, Giving out manufacturing orders, Progress management, Production control trends, Basic concept of quality control, Basics of SQC, Seven QC tools, New seven QC tools, Introducing small-group improvement activities
(2)Productivity and management, Factors contributing productivity improvement 5S, quality, JIT, Basic concept of IE, How to recognize waste, How to analyze the job site, Process analysis, work analysis, motion analysis
(3)Witness how the theories of production/quality control are actually implemented at the actual job site, Methods of inter-enterprise collaboration and in-house education for productivity improvement,
(4)Prepare an effective action plan that solves the problems raised by the trainee

<Finalization Phase>
Review an action plan and make a report on its progress

Program Period	2012 / 6 / 6 ～ 2012 / 7 / 21
Implementing Partner	Kitakyushu International Techno-Cooperative Association
JICA Center	JICA Kyushu
Cooperation Period	2012～2014
Remarks and Website	

Practical Business Training Course for Central Asia
中央アジア地域 ビジネス実務研修

Region-Focused Leaders | 1284341 New

7 participants

Target Countries : Central Asia

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language : Russian

Appeal

This training course will be provided as group focus training course taking over from the Counterparts training Course on Practical Business Training Course until 2011. Target participants of this training course are participants who complete business course at Japan Center for Human Development in Kazakhstan, Kyrgyz and Uzbekistan, and expecting participants to participate actively in their organization by deepen understanding Japanese Management.

Objective/Output	Target Organization / Group
【Objective】 Analyzing each participant's challenges and each participant will do based on his/her action plan in his/her organization after returning to his/her country. 【Outputs】 (1) To clarify the challenges each participant has. (2) The participants will understand Japanese Management system. (3) To create Action Plan using learned knowledge and company visit experiences through the training course to solve participants' challenges. (4) The action plan which created by each participant will be implemented in his/her organization.	Association, economic federations, and private companies in Central Asia Managers in companies, in charge of business management and finished the business course in Japan Center with high results.

Contents

Preliminary Phase: To create presentation on each participant's challenges.

Core Phase
Presentation: To do presentation on each participant's challenges.
Lectures and company visit: Theme of lectures and company visit will be flexibly arranged depending on type of industry of participants' organization.
Discussion: To exchange participants' opinion what they learned through lectures and company visit.
Presentation: To do presentation on each participant's action plan.

Finalization Phase: To create Progress Report and follow up session by JICA-NET.

Program Period	2012/12/ 1 ～ 2012/12/15
Implementing Partner	Pacific Resources Exchange Center
JICA Center	JICA Kansai (I)
Cooperation Period	2012～2014
Remarks and Website	This training course will be conducted three times a year. First: December 2012 Second: January 2013 Third: February 2013

Capacity Development for Entrepreneurs and MSMEs Activation in African Countries
アフリカ地域 起業家育成･中小零細企業活性化

Region-Focused | 1284346
Leaders | New
15 participants

Target Countries : African Countries
Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion
Sub-Sector : Private Sector Development/Industrial Technology
Language : English

Appeal

This program is designed for entrepreneurs and managers of micro, small and medium-sized enterprises(MSMEs) in Africa to develop their capacity by acquiring business strategy, human resource development and marketing in Japan. This includes not only site visits on local industries but also measures for MSMEs promotion from the government side, and provides opportunity for making network among participants.

Objective/Output

【Objective】
Action plan is prepared for inclusive business or MSMEs activation in Africa.

【Objective for each unit】
-To understand the measures for MSMEs promotion in Japan
-To understand the fundamental knowledge about business strategy, human resource development and marketing
-To understand the breakthrough thinking for entrepreneurs
-To prepare action plan for inclusive business and MSMEs activation in Africa

Target Organization / Group

Entrepreneurs in young generation, MSMEs and Governmental organization in charge of promotion of local industry
Entrepreneurs in young generation, Managers of MSMEs and Governmental organization in charge of promotion of local industry
over 5 years' experience

Contents

Lectures: Industrial development in japan and role of SMEs, Measures for MSMEs promotion, Measures for trade promotion, Cooperation among industry, academia and government, Chambers of commerce,

Lectures: Business strategy of SMEs, Business administration -quality control, cost management, Marketing strategy, Human resource development, Production innovation activities

Site visits: SME university, Cases of rural development promotion - One Village One Product Movement

Practice: Breakthrough thinking, Knowledge sharing among participants, Workshop on strategy planning

Presentation: Job Report, Action Plan

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2012～2014
Remarks and Website	This course will be implemented twice. The second course is also under planning.

Production Management
生産管理

Region-Focused Trainers | 1284351 New

8 participants

Target Countries : Ukraine

Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Sub-Sector :

Language : Russian

Appeal

Ukraine-Japan Center(UAJC) has been conducting various activities not only for mutual understanding between Ukraine and Japan, but also human resource development for the stabilization of the market economy of Ukraine. As a spill-off effect of its activities "KAIZEN Club" was established. Expectation to the Japanese "production management" is very high and this course will meet the needs of Ukraine.

Objective/Output	Target Organization / Group
【Objective】 Participants master the Japanese management techniques such as 5s for production management and share and implement in the respective organizations to which participants belong. 【Objective for each unit】 -To understand clues of Japanese management -To acquire theory and practical methods of production management, quality control and sanitary control of Japanese enterprises -To acquire basic theory and practical methods of financial management, and marketing -To understand theory and practical way of human resource development and method for business management, such as 5S -To propose an action plan based on the lessons learnt from this course	State Committee of Ukraine for Regulatory Policy and Entrepreneurship (SCURPE) Top management of the manufacturing industries, manager of production line and responsible person for manufacturing management in the factory More than 5 years experiences in manufacturing company and related organization Members of KAIZEN Institute in Ukraine, Government officials in charge of industrial development, staffs of Ukraine-Japan Center in charge of business courses.

Contents		
Lectures on the back ground of Japanese management (history, culture, society, etc.), characteristics, cooperate strategy of SMEs and procedure of practical management. On site visit to the companies and lectures on the basic methods of Production Management and Quality Management. On site visit to the companies and lectures on the basic methods of Marketing and Financial Management. On site visit to the companies and lectures on the theory and practical methods of 5S, case study of 5S, human resource management using case methods. Prepare action plan on how to utilize know how and technologies which he's learn through the training course and make a presentation.	Program Period	2012 / 8/26 ～ 2012 / 9/15
	Implementing Partner	Under Planning
	JICA Center	JICA Hokuriku
	Cooperation Period	2012～2014
	Remarks and Website	

Patent Examination Practice for APEC Economies
ＡＰＥＣ特許審査実務

Group 1280132
Trainers Continuing
10 participants

Target Countries : APEC Economies

Sector :Private Sector Development/Industrial Development Institution

Sub-Sector :

Language :English

Appeal

This program is designed for APEC economies to improve knowledges and skills of examiners in the field of patent.

Objective/Output	Target Organization / Group
【Objective】 Expertise required for conducting patent examinations will be improved and effective and efficient patent examination process will be shared among patent examiners in APEC economies. 【Expected Results】 1. To become able to explain an overall picture of Japan's IP System/strategies/ measures based on relevance with international treaties and trends and also make comparative explanation of patent systems with those of their countries. 2. To learn Japan's search/examination methods, and master how to effectively utilize Japanese examination results in order to improve the quality of examination in their home countries. 3. To become able to realize and explain subtle differences among them while referring to the laws and examination guidelines and understand each country's differences in judging patentability . 4. Workshop will be held to spread in their countries efficient/effective examination processes acquired in the training, including the one utilizing Japanese examination results.	【Target Organization】 The intellectual property office in APEC economies 【Target Group】 Patent examiners Job experience: 3 years or more Have a sufficient command of English

Contents		
【Preliminary Phase】 Making Country Report 【Core Phase in Japan】 ・Outlines of Patent Law,other IP-related laws,the Paris Convention,the TRIPS Agreement and other international agreements; Patent appeal system,court system and infringement lawsuit ・National IP strategies, APEC initiatives, IP-related international contributions, corporate IP management ・Examination guidelines/practices ・International Patent Classification (IPC), search practices ・Utilization of IPDL and AIPN ・Efficient/effective examination processes by utilizing examination results obtained in Japan ・Case study on Japanese examination practices ・Presentation of country reports ・Opinion exchanges on each country's patent examination practices 【Finalization Phase】 ・Hold Workshop for spreading efficient/effective examination processes	Program Period	2012/11/20 ～ 2012/12/12
	Implementing Partner	Japan Institute of Invention and Innovation
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	Japan Patent Office: http://www.jpo.go.jp/index.htm Japan Institute of Invention and Innovation: http://www.jiii.or.jp/english/e.htm

ASEAN Conformity Assessment of Electrical and Electronic Equipment (IECEE CB scheme)
アセアン電気･電子製品適合性評価(IECEE CBスキーム)

Group 1280877
Solution Updated
26 participants

Target Countries : ASEAN Countries

Sector :Private Sector Development/Industrial Development Institution

Sub-Sector :

Language :English

Appeal

To build a foundation for expanding the conformity assessment(CA) activities of electrical and electronic (EE) products in ASEAN countries.

Objective/Output

【Objective】
-To understand the accreditation and certification system necessary to ensure compliance with international standards for EE products.
-To understand testing/assessing QMS and factory audit/inspection.
-To recognize the importance of the IECEE CB Scheme and to acquire the necessary knowledge to participate in the IECEE CB scheme

【Objective for each unit】
-To understand conformity assessment system of EE products
-To understand international standards on conformity assessment of EE products
-To understand international standards on EE products
-To learn qualification tests and assessment skills based on testing technique and international standards
-To understand effects of IECEE CB scheme on trade facilitation
-Making and presentation of Action Plan for establishing conformity assessment system on EE products

After returning home countries, submit roadmap for establishing conformity assessment system on EE products (1st year) and implementation report of action plan

Target Organization / Group

【Target Organization】
National and Private Organization for Conformity Assessment

【Target Group】
1. Senior Officers of CA agency for EE products (1st year), mid-level practitioners (2nd-3rd year)
2. Certification body, testing laboratory executives (1st year), mid-level officers (2nd-3rd year)
3. More than 3 years experiences on CA of Electrical and Electronic Equipment
4. College/University Graduate and/or Equivalent
5. Sufficient English ability

Contents

* Conformity assessment system based on international standards
* To understand international standards on conformity assessment specified by ISO CASCO (e.g. ISO/IEC GUIDE 65, ISO/IEC 17025)
* Technical background of and needs for certification of IEC standards on EE products (concerning safety, EMC, energy efficiency, etc.)
* Testing skills based on international standards (using facilities of laboratories in Japan)
* Qualification test to check testing capacity
* Assessment skills on quality system required for certification test
* Writing skills of reports for product tests and factory assessment, etc.
* Status of CB scheme in IEC, participation of individual countries, global use of CB scheme
* Reference document of IECEE CB scheme
* Group discussion
* Making and presentation of roadmap and action plan

1st year: training for senior officers involved in decision-making
2nd year: training for senior officers involved in practical business (e.g. system) (3 weeks)
3rd year: training for senior officers involved in practical business (e.g. testing skills) (3 weeks)

Program Period	2012 / 8 / 26 ～ 2012 / 9 / 8
Implementing Partner	Japanese Standards Association
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2012～2014
Remarks and Website	http://www.meti.go.jp/english/index.html http://www.jsa.or.jp/default_english.asp

International Standards Development
国際標準開発

Group 1280879
Solution Updated

15 participants

Target Countries : ASEAN and Latin America (Spanish speaking countries)

Sector :Private Sector Development/Industrial Development Institution

Sub-Sector :

Language :English/Spanish

Appeal

This program will be held twice a year. The first one is for ASEAN countries and the second one is for Latin American countries (Spanish speaking countries). The outlines are respectively as follows;
<1st course: For ASEAN> Because it will be more important to reinforce the standardization efforts of the industry with the support and management of governments, it is expected to build a foundation to expand public-private cooperated standardization activities in the countries. This course is conducted in English.
<2nd course: For Latin America> Toward establishments of government support systems which enable private sectors independently to conduct international standardization activities, officers of governments and/or related governmental organizations who administer standardization can gain knowledge and skills related to international standardization activities. This course is conducted with interpretation into Spanish.

Objective/Output	Target Organization / Group
【Objective】 <1st course: For ASEAN> To make a road map to enhances public-private cooperation in international standardization activities and functions of standardization secretariats in domestic industries. <2nd course: For Latin America> To gain knowledge and skills related to international standardization activities. 【Output】 <1st course: For ASEAN> - Obtain the knowledge to participate in international standardization activities, - Understand the international standardization activities implemented in Japan, - Learn about Japanese national standards development activities, - By experiencing simulation of international conference, become able to participate in international committee meeting in a positive manner, - Share information with other countries and analyze it in order to draw up the possible solutions for their own controversial points. <2nd course: For Latin America> - To understand international standardization activities, - To understand international standardization activities implemented in Japan, - To understand Japanese national standards development activities	【Target Organization】National Standards Body, Industrial Association, National Mirror Committee 【Target Group】 <1st course: For ASEAN> Executives in standardization organizations, National Committee, Chamber of Commerce etc. (the half of participants of the countries which have plural number of allocation should be mid-level officer to report directly to the above positions). <2nd course: For Latin America> Administrators who are in charge of international standardization <Both course> More than 3 years experiences College/University Graduate and/or Equivalent

Contents		
<1st course: For ASEAN> - Procedures and systems for International Standards Development, Important policies and trends in ISO/IEC, WTO/TBT Agreement and its relevance to ISO/IEC, Introduction to International Standardization, Accreditation System - International Standardization Strategies and Activities of Japan (Examples given by International TC/SC secretariats, site observations of such as Industrial Association, Company and Research Institute), Activity of Industrial Association in Japan - National Standardization Strategies, Development procedures and committees of JIS standards, activities of Standards Developing Organizations, Links between standards and registrations - Attend International Conference simulation - Group discussion, Making and presentations of Road Map and action plan <2nd course: For Latin America> - Procedures and systems for International Standards Development, Important policies and the latest trends in ISO/IEC, WTO/TBT Agreement and its relevance to ISO/IEC, - International Standardization Strategies , Policy and Activities of Japan (Examples given by International TC/SC secretariats, visiting on-sites) - National Standardization Strategies, Development procedures and committees of JIS standards, Activities of Standards Developing Organizations, Links between standards and registrations, Presentation of cases of international standardization activities	Program Period	2012 / 7/ 1 ～ 2012 / 7 /14
	Implementing Partner	<1st course: For ASEAN> Japan Standards Association <2nd course: For Latin America> Under Planning
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2012～2014
	Remarks and Website	The 2nd course for Latin American countries will be conducted for about 3 weeks from November to December 2012. http://www.meti.go.jp/english/index.html http://www.jsa.or.jp/default_english.asp

Intellectual Property Rights
国際知的財産権

Group 1280993
Solution Continuing
10 participants

Target Countries :

Sector :Private Sector Development/Industrial Development Institution

Sub-Sector :Governance/Legal and Judicial Development

Language :English/Vietnamese

Appeal

This program is designed to learn the approaches of WTO member states and the international community by using case examples of Japan, for the establishment and improvement of the legal system pertaining to IPR cycle of creation, protection, utilization, and training for specialists.

Objective/Output	Target Organization / Group
(Course Objective) Toward human resource development, application, protection and creation of intellectual property rights, current situation of own countries will be organized, and issues/perspectives of necessary systems, measures and policies will be proposed by government offices and court of justice (Outputs of each component) 1.(Outline/Education) As for public education to raise awareness of law and fostering IPR experts, suitable measures for own countries will be reviewed refer to the Japan and other participating countries 2.(Application) To recognize the severe social and economic effects of IPR infringement, and to propose needed countermeasures for own countries 3.(Protection) Methods to establish and improve upon systems for more expedient and proper resolution of disputes will be proposed 4.(Creation) Methods for supporting creation and technical development of IRPs will be proposed	[Target Organization] - Senior Administrative Officers / Judges which are involved in establishment and operation of legal and other system related to IPR - Also the officer who is in charge of the customs and copyright matter is recommended. [Working Experience] - Those with more than 3 years of working experience in this field

Contents		
(Preliminary Phase in home country) Prepare and submission of the Country Report (Core Phase in Japan) 1. Lecture and observation 1)Overview and practices of IPR law system, Patent law, Trademark law, Design law, Copyright law. 2)Border control of counterfeit products 3)Countermeasures against IPR-Infringing products (computer software; CD, Video, etc.) by related Industries 4)Issues related to international jurisdiction 5)Japanese judicial System (IP section of district court) 6)Alternative dispute resolution 7)IP management and technology innovation 8)Central and local government policies for supporting R&D 9)Local government measures and efforts to support creation of IPRs, and their 10)support to utilization and creation of IPRs 11)Issues concerning technology transfers 2. Presentation 1)Country report presentation 2)Presentation at International symposium 3)case study(Practical Exercises) (Finalization Phase) To formulate the final report and submit the progress of their activities after 6 months.	Program Period	2012 / 5/14 ～ 2012 / 7/20
	Implementing Partner	KCLC (Kyoto Comparative law center)
	JICA Center	JICA Kansai (I)
	Cooperation Period	2010～2012
	Remarks and Website	KCLC Web Site http://www.kclc.or.jp/ This course is scheduled twice within this FY2012.(First course is targeted for all countries,second is for Vietnam)

Japanese MONODZUKURI and Manufacturing in Developing Countries
日本のものづくりと途上国の製造業の比較分析

Group 1280108
Solution Continuing

Target Countries :

6 participants

Sector :Private Sector Development/Industrial Technology

Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language :English

Appeal

Basic philosophy of Japanese manufacturing is studied through actual examples and lecture and the improvement plan is formulated through analysis of impediments in own country's manufacturing sector development by comparing with Japanese condition.

Objective/Output

[Objective]
The cause of low productivity or quality in existing manufacturing sector is analyzed by comparison with Monodzukuri (manufacturing) in Japan and an improvement plan is formulated.

[Expected Outputs]
1. The cause of low productivity or low quality in manufacturing sector is analyzed at participant's organization.
2. The key points of Monodzukuri (manufacturing) in Japan is understood and the deference with own country from design process to production management is studied
3. Cases and technology of Monodzukuri in Japan are analyzed by comparison with that of own country.
4. Interim report (report written at the end of each year's training in Japan) is compiled.
5. Action plan is implemented.

Target Organization / Group

[Target Organization]
Public Organization in charge of technology development of manufacturing industry and SME promotion.

[Target Group]
Those who has experience as instructor / adviser / consultant in technology development or improvement of productivity more than 10 years.

It is much preferable that participant has experience of working as director / manager of manufacturing process in private company.

Contents

[Preliminary Phase] Discussion of current condition and formulation of hypothesis / Collection of problems in each country / Formulation of inception report

[Core Phase] Monodzukuri (manufacturing) in Japan and its features
1. Design, Jidoka (automation with control), Manufacturing system
2. Human resource development regarding Monodzukuri
3. Dependence to Monodzukuri culture
 (1st year) Technical problems regarding material selection and processing
 (2nd year) Production control problems regarding process management for quality control and quality assurance
 (3rd year) Further inspection of cases and discussion considering last two years' result
4. Summary of result of impediment analysis in each country's manufacturing sector
5. Result of Japanese case study and preparation of introduction tools for own country

[Finalization Phase]
Sharing analysis result within own organization / Study improvement plan for manufacturing sector of own country. (3rd year)

Program Period	under planning
Implementing Partner	Aichi Industrial Research Association
JICA Center	JICA Chubu
Cooperation Period	2010～2012
Remarks and Website	

The Human Resource Development for International Welding Engineer
国際溶接技術者育成

Group Leaders 1280861 Continuing

6 participants

Target Countries :

Sector :Private Sector Development/Industrial Technology

Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language :English

Appeal

Theoretical lecture and practical skill training are done for the engineers in order to satisfy the minimum requirement for the qualified welding personnel.

Objective/Output	Target Organization / Group
For education and training of internationally qualified welding engineer and inspector who have adequate knowledge and experiences for the production of welded structures and parts with high quality and reliability in target countries. [1]Welding processes and equipment [2]Materials and their behavior during welding [3]Construction and design [4]Fabrication, applications engineering [5]Nondestructive inspection	Welding Engineer Association, Vocational Training School using Welding Technology, Organizations which use Welding Technology, Those who have Over 3 years' experience in this field, Those who graduated the engineering university or who has the same or more academic background

Contents		
Module 1: <Lecture>Principles of welding, electronics, arc physics, equipment <Practice>Welding, operation of welding equipment/robot <Plant tour>Manufacturers of welding equipment, Fabricator Module 2: <Lecture>Destructive testing, metallurgy, heat treatment, structure of weld joint, iron/aluminum alloy etc., welding consumables. <Practice>Destructive testing, micro structure examination <Plant tour>Manufacturers of materials Module 3: <Lecture>Basic theory of structure, joint design, fracture mechanics, <Practice>Destructive testing, fractgraphy <Plant tour>Manufacturers (shipbuilding, construction, etc.) Module 4: <Lecture>Quality assurance, quality control, health and safety <Practice>Case study <Plant tour>Manufacturers (shipbuilding, construction, etc.) Module 5: <Lecture>Principle NDI, types of imperfections <Practice>Handling of inspection equipment <Plant tour>Manufacturers (shipbuilding, construction, etc.) *All the modules include Q & A Session and Discussion as exercise.	Program Period	2012 / 6 / 17 ～ 2012 / 12 / 15
	Implementing Partner	The Japan Welding Engineering Society
	JICA Center	JICA Chubu
	Cooperation Period	2010～2012
	Remarks and Website	

Maintenance Management for Productivity Improvement
生産性向上のための保全管理

Group Trainers 1280885 Updated

8 participants

Target Countries :

Sector :Private Sector Development/Industrial Technology

Sub-Sector :

Language :English

Appeal

This training program intends to transfer techniques and know-how on maintenance management, as appropriate maintenance activities and safety management are regarded as one of fundamental factors for productivity improvement. Since lecturers own rich experience in the field, participants can enhance practical knowledge and technique in the field.

Objective/Output	Target Organization / Group
[Objective] Participants will be able to formulate a plan or a proposal of productivity improvement based on maintenance management. [Objective for Each Unit] (1)to explain the essential concept of maintenance management in improving productivity (2)to explain the ways to improve practice and exercise for maintenance management (3)to explain technology and skills related to maintenance management (4)to explain measures of accident prevention and trouble shooting of maintenance management (5)to formulate action plan for introducing maintenance management technology	[Target Organizations] Governmental organizations in charge of process industries or energy-related facilities [Target Group] (1)Staffs in charge of maintenance facilities (2)Occupational experience of more than 3 years in the area (3)Be under 50 years old

Contents		
[Preliminary Phase] Preparation of a report on overview and challenges on maintenance management [Core Phase in Japan] (1)Overview of maintenance management,Iinnovations and current challenges on maintenance management (2)Methodologies on maintenance management(5S, PDCA, KAIZEN, QC7Tools, TPM), Inspection and repair plan, Machine skill training system and machine skill practice, Observation of factories (3)Facility diagnosis technology, Non-destructive testing technology, Lubrication management, Rust preventing technology, Maintenance of electrical control units, Spill prevention (sealing) technology (4)Analysis of machine failures, Safety management in maintenance field, Serious plant accident and the way to recovery, Plant engineering and reliability / maintainability design (5)Action plan formulation and discussions [Finalization Phase] Formulation and submission of reports to present progress of Action Plan	Program Period	2012 / 9 / 2 ～ 2012 / 11 / 7
	Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Implementation of the WTO Agreements
WTO協定履行支援

Group 1280028
Trainers Continuing
15 participants

Target Countries :

Sector :Private Sector Development/Trade and Investment

Sub-Sector :

Language :English

Appeal

About 26 countries are still trying to gain membership of the WTO. Even among the 157 members, some countries have difficulties such as aligning their domestic laws and regulations to the WTO agreements or insufficient number of experts who have enough knowledge. This program is designed for the government or relevant organization officials to deepen understanding of the WTO agreements to promote their implementation or accession to the WTO. This program will be held twice this year. The first one is for member countries of the WTO, and the second is for non-members/observers. If there are more requests from African countries, it is possible to implement the third one only for Africa as follow-up of TICAD IV.

Objective/Output	Target Organization / Group
【Objective】 The related personnel to the WTO shares the understanding of the whole structure of the WTO agreements and the domestic system which is necessary to implement the agreements. 【Expected Results】 1. To understand the challenges of the home country regarding the WTO agreements. 2. To become able to explain the overview of the WTO system and its agreements, WTO Round negotiation and issues, and Japanese implementation system. 3. To become able to explain WTO trade remedies / regional trade agreements. 4. To become able to explain the WTO Dispute Settlement. 5. To hold a dissemination meeting with the attendance of the related personnel of the WTO after the return to the respective countries.	【Target Organization】 Governmental or relevant organization related to the WTO 【Target Group】 1. Governmental or relevant organization officials related to the WTO 2. Occupational experience in this field: 3 years or more 3. Educational Background: graduated from faculty or university in the field of Law or Economics 4. Language: have a competent command of spoken and written English

Contents		
【Preliminary Phase】 To write and submit Country Report and Inception Report 【Core Phase in Japan】 To have lectures, discussions etc. on the following subjects: 1. The WTO system, its agreements and the dispute settlement rules 2. The progress of the WTO Round negotiation 3. Japan's implementation system of the WTO agreements 4. Appropriate measures of trade remedies such as anti-dumping, safeguard, subsidies and countervailing duties to protect the domestic industries 5. The relation between the WTO Agreements and the regional trade agreements 6. Example of dispute settlement cases related to trade remedies 7. The practice of a mock panel based on dispute settlement cases 【Finalization Phase】 To organize a dissemination meeting with the attendance of the related personnel after coming back to the respective countries	Program Period	2012 / 5 / 13 ～ 2012 / 5 / 26
	Implementing Partner	Fair Trade Center
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	The second course is scheduled from 10 June, 2012 to 23 June, 2012. Website of Fair Trade Center: http://www.fairtradec.com/intro/Introduction1.html

Advocating a Law-Oriented Infrastructure to Promote Foreign Direct Investment
投資環境法整備

Group 1280803
Solution Continuing
16 participants

Target Countries :

Sector :Private Sector Development/Trade and Investment

Sub-Sector :Private Sector Development/Other Private Sector Development Issues

Language :English

Appeal

This training is focused on legal framework which is essential for attraction of foreign direct investment (FDI). It aims at giving participants multi-perspectives that enables them to consider longer term impacts of FDI on their countries vis-a-vis their development policies, through lectures, discussion and visits to governmental organizations and private sectors. Participants will make analysis on current situation, challenges and way forward especially in their pursuit of the industrial policy, PPP and economic agreements such as FTA of their home countries. They will make presentation on the analysis and have intensive discussion with prominent professors in this field at the end of the training program.

Objective/Output

<Course Objective>Through this training, participants will be able to make proposal to improve law-oriented infrastructure to implement investment policies which would be beneficial to development of their countries from various perspectives.

<Expected Module Outputs>
(1)Clarify and analyze challenges of policies and legal system to promote investment in their own countries, especially in terms of its contribution to development (e.g. technical transfer, infrastructure development, other socio-economic benefits)
(2)Understand expectation, requests and needs of foreign direct investors
(3)Understand Japanese policies and measures to attract investment both at national and local level, and consider possibilities of application to their own countries
(4)Make suggestions on how to address challenges in law-oriented infrastructure to attract more investment that would be beneficial to development of their own countries
(5)Submit progress report on their activities within 6 months after the training

Target Organization / Group

<Target Organizations>
Government organizations in charge of foreign direct investment policies and implementation

<Target Group>
Officials working at the target organization with more than 3-year-experience in the relevant fields

Contents

<Activity in Preliminary Phase in home country>Draft analysis report on current trends and challenges about foreign direct investment in their home countries.

<Activitiy in Core Phase in Japan>
Lectures (1) Investment policies (Business law, tax law, labor law, etc.)
(2) Bilateral and multilateral agreement, FTA
(3) Investment promotion, competition policies
Observation (1) Japanese companies operating and investing in foreign markets
(2) Governmental organization for investment promotion
Presentation - International Investment Forum-
Present reports and have discussions on analysis on current situation, challenges, and way forward for FDI-related legal framework and system with focus on either industrial policy, PPP, and FTA.

<Activity in Finalization Phase in home country>
Submission of progress report on their activities.

Program Period	2012/10/ 1 ～ 2012/11/9
Implementing Partner	Kyoto Comparative Law Center (KCLC)
JICA Center	JICA Kansai (I)
Cooperation Period	2011～2013
Remarks and Website	2 batches for FY2012 are planned: Course (A) 1 Oct-9 Nov 2012, Course, (B) 4 Feb-16 Mar 2013 KCLC Homepage http://www.kclc.or.jp/english/index.html

Improvement of Implementation on Security Export Control in Asia
アジアにおける輸出管理向上

Group 1280881
Trainers Continuing
8 participants

Target Countries : Asian countries

Sector :Private Sector Development/Trade and Investment

Sub-Sector :

Language :English

Appeal

This practical course aims to introduce and improve security export control while enhancing international cooperation among export control agencies.

Objective/Output	Target Organization / Group
【Objective】 In trade control agencies, the technical knowledge to implement security export control will be shared (1st and 2nd year), and the challenges for introducing export control and the recognition of the mutual cooperation among the organizations will be shared (3rd year). 【Expected Results】 1. To become able to explain the recent trend of proliferation of mass destruction and export controls. 2. To become able to explain export controls of developed countries like Japan. 3. To become able to explain the methods of export licensing and controlled items. 4. To become able to explain the coordination between the implementation of export controls and relevant organizations. 5. To recognize present situation and challenges of establishing legal systems in home countries, by understanding those of the other countries. 6. To share the above knowledge with staff of the respective organizations by report back meetings.	【Target Organization】 Trade Control Agencies (including Customs) 【Target Group】 - Officer in charge of trade control or custom officer - Work experience: 5 years or more - Those who are in managerial post - Have a sufficient command of English

Contents		
【Preliminary Phase】 Country Report writing 【Core Phase in Japan】 - The trend of WMD proliferation and its threat to international community - The international commitment in the field of export control - Japan's export control system - The recent system (transshipment, technology transfer etc.) - The methods of licensing - Controlled items - The interagency coordination and public-private cooperation - The Japan's customs duties and site visit to the custom office - The current status of export control systems of each countries - Discussing the challenges and possible solutions in the establishment and implementation of export control system in respective countries 【Finalization Phase】 Holding report back meeting to share the above with the colleagues	Program Period	2012/12/ 2 ～ 2012/12/15
	Implementing Partner	Ministry of Economy, Trade and Industry
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.meti.go.jp/policy/anpo/englishpage.html

Strengthening the Export Competitiveness of Small and Medium-sized Coffee Producers
コーヒー生産者輸出競争力強化

Region-Focused Leaders | 1284108 Updated

10 participants

Target Countries : Countries which export coffee beans

Sector : Private Sector Development/Trade and Investment

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : English

Appeal

This program is designed for both small and medium-sized coffee producer groups,associations,cooperatives and government officials promoting coffee exports to acquire the know-how for improving export competitiveness (market needs such as high value added coffees, quality and production management, marketing) through lectures, site-visit and discussion with related organizations in Japan.

Objective/Output

【Objective】
The participants acquire the know-how necessary for expanding coffee export (market needs including high value added coffees, trade regulation and procedures, quality and production management, marketing etc.) and share it with other producer groups.

【Objective for each unit】
・To examine the major and specific issues or constrains which the participants are facing for the expanding coffee export.
・To understand high value added coffees and analyze market needs.
・To understand related trade regulations, the law, the quarantine system and procedures, and are enabled to follow them properly.
・To acquire the know-how on quality and production management, and are enabled to implement it properly.
・To acquire marketing know-how and are enabled to do marketing effectively.
・To do SWOT Analysis on own products through consultation by the key persons in coffee business in Japan.
・To develop action plans for enhancing export capability.
・To implement seminars or workshops based on the Action Plan to disseminate the know-how to other producer groups.

Target Organization / Group

<Organization>
①Small and medium-sized coffee producers groups, associations and unions.
②Governmental agencies in charge of promoting coffee export.

<Group>
Administrative officers, staffs and Middle management staffs at least five (5) years of experience in producing or exporting of coffee.

Contents

(1)Examination of the major and specific issues/constrains which the participants are facing for the expanding coffee export
(2)-1 Lectures on market needs and its research methods
(2)-2 Lectures on high value-added coffees (certified coffees etc)
(2)-3 Visitations to related Japanese organizations for understanding market needs and analysis
(3)-1 Lectures on related trade regulations and procedures.
(3)-2 Lectures on Japanese quarantine system and traceability
(4)-1 Lectures on quality ranking of coffee beans
(4)-2 Lectures and visitation for understanding quality and production control.
(4)-3 Lectures and visitation for consideration for environment and organic farming
(5)-1 Lectures on marketing skills.
(5)-2 Exercise for enhancing marketing skills through exchanging their views with Japanese related organizations.
(6)To analyze in order to identify advantage and disadvantage of own products in market through Sample Evaluation and comparing with others in Exhibition.
(7)Formulation of Action Plans based on the result of PCM analysis
(8)Implementation of seminar or workshop based on the Action Plans.

Program Period	2012 / 9 / 23 ～ 2012 / 10 / 20
Implementing Partner	Under Planning
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2012～2014
Remarks and Website	

Facilitating Trade and Investment in Indian Ocean-rim Economic Region
環インド洋経済圏貿易投資促進

Region-Focused Solution | 1284177 Updated

12 participants

Target Countries : Indian Ocean-rim Economic Region

Sector : Private Sector Development/Trade and Investment

Sub-Sector : South-South Cooperation/South-South Cooperation

Language : English

Appeal

Participants from Indian Ocean-rim countries will
(1)understand how Asian countries have achieved their economic development,
(2)develop their policies and measures for facilitating industrial development, trade and investment in their countries,
(3)share experiences and issues in their countries, and
(4)strengthening partnership as a member of IOR-ARC through this program.

Objective/Output

【Objective】
Policies and measures to facilitate trade and investment with IOR countries are outlined in department in charge of foreign trade and investment, after learning Asian experiences and considering potential of strengthening trade and investment with IOR countries.

【Objective for each unit】
Issues on policies and measures for foreign trade and investment promotion of own country are clarified. (Preliminary phase in home country)

Concrete policies and measures for facilitating trade and investment are considered in department in charge of foreign trade and investment. (Finalization phase in home country)

Malaysian experiences are shared, visualized and clarified. Possibility on trade and investment within IOR are clarified. (2rd county phase in Malaysia)
Concrete policies and measures for facilitating trade and investment are considered in department in charge of foreign trade and investment. (Finalization phase in home country)

Target Organization / Group

Department of trade and investment
Head of division in the field of trade and investment promotion

More than 3 years' experience on trade and investment promotion

Contents

Issues on policies and measures for foreign trade and investment promotion of own country is clarified in department in charge of foreign trade and investment including ex-participants of the year before.
Effective policies and measures for facilitating trade and promotion are considered, based on lectures and visits regarding;

- Measures and policies required to promote foreign trade and investment, - Dynamism of IOR and lessons of IOR countries regarding attraction of foreign investment
Malaysian experiences on economic development are shared and knowledge and concepts gained in program in Japan are visualized and clarified. Possibility on trade and investment within IOR are clarified. (3rd county phase in Malaysia)

Based on action plan formulated in program in Japan and Malaysia, policies and measures are considered in department in charge of foreign trade and investment, and reports on progress/results of consideration are submitted to JICA.

Program Period	2012 / 8 / 26 ～ 2012 / 9 / 25
Implementing Partner	Under Planning
JICA Center	JICA Kansai (I)
Cooperation Period	2012～2014
Remarks and Website	The program period will be slightly changed.

Conservation and Risk Management of Historic Towns for Cultural Tourism
歴史都市の保全･防災と文化観光への活用

Group 1280859
Solution Updated

Target Countries :

12 participants

Sector :Private Sector Development/Tourism

Sub-Sector :Urban/Regional Development/Other Urban and Regional Development Issues

Language :English

Appeal

This program aims for the governmental body or research institute to be able to make draft development/improvement action plan for cultural tourism of their historic towns which contributes to the conservation of historic assets, economic development and mitigation against disasters in compatible manners, also for ensuring security for both the local community and tourists.

Objective/Output	Target Organization / Group
<Course Objective> Development/improvement action plan for cultural tourism of their historic towns which contributes to the conservation of historic assets, economic and mitigation against disasters in compatible manners will be drafted and implemented by government officials and/or research institutes. <Expected Module Outputs> The participants will be able to 1)explain the value of historic-cultural heritage and proper conservation/utilization method of them as resources for cultural tourism. 2)extract essential points how to make compatible plan for conservation of historic heritage and promotion of cultural tourism. 3)explain the outline of countermeasures and crisis management against disasters in historic towns. 4)make a draft development/improvement plan for cultural tourism of the historic town. 5)share, consider and enforce the draft plan within the participants' organization.	<Target Organization> Local and central government or research institute that are in charge of "the conservation of heritage", or in "urban/tourism development". Preferable to have 2 personnel (Conservation & Urban/Tourism Development) from 1 governmental district. <Target Group> more than 5 year-experience, in charge of policy making. JICA project's counterpart, if any. Each country, within 3 years, it is preferable to select the participants from 3 sectors strategically.

Contents		
"<Activity in Preliminary Phase in home country> Making Country Reports <Activities in Core Phase in Japan> Lecture:1)Preservation of cultural property and authenticity 2)Protection of cultural properties and historical townscape 3)Protection of excavated relics for cultural tourism 4)Conservation of historic towns for tourism 5)Protection of historic properties for international tourism 6)Townscape control for tourism 7)Disaster mitigation methods for historic towns 8)Enforcement of traditional wooden structure Observation: 1)Conservation of historic townscape of Ishinomaki-city,etc. in Miyagi Pref. 2)Fire protection facilities at traditional townscape preservation district of Kyoto and Miyagi Exercise:Making action plan for improvement of cultural tourism in participants' countries with comparison of tourism strategies of countries and its presentation <Activities in Finalization Phase in home country> Submission of a report of the progress of action plan, and share the information to the next year participants.	Program Period	2012 / 8 / 20 ～ 2012 / 9 / 19
	Implementing Partner	Under Planning
	JICA Center	JICA Kansai (II)
	Cooperation Period	2012～2014
	Remarks and Website	Preferable to have 2 personnel, 1 from each sector ("Conservation of heritage" and "Urban planning & Tourism Development") from 1 governmental district.

Tourism Promotion and Marketing: Targeting the Japanese Market
観光振興とマーケティング

Group 1280942
Trainers Continuing
17 participants

Target Countries :

Sector :Private Sector Development/Tourism

Sub-Sector :

Language :English

Appeal

The destination marketing plan targeting Japanese market will be developed through the introduction of Japan's cases and experiences on tourism promotion. This program contains some practical activities like to participate in JATA Travel Fair (Course A) and to make action plan for Joint Promotion Activities as Regional cooperation (Course B).

Objective/Output

【Objective】
The destination marketing plan targeting the Japanese market which has been developed through the program will be shared among the participants' organizations.

【Expected Results】Participants will be able to;
(1) Understand the trend / characteristics of Japanese tourists, tourism administration, policy and the structure of tourism industry.
(2) Analyze their own country's issues on the tourism promotion and marketing.
(3) Explain and implement the method of tourism promotion and marketing based on Japan and other country's case.
(4) Develop a destination marketing plan targeting the Japanese market based on the knowledge and techniques obtained through aforementioned (1)-(3).
(5) After returning to home country, the feasibility of the destination marketing plan will be reviewed through the workshop aimed to disseminate the knowledge and outputs of training program.

Target Organization / Group

【Target Organizations】
Governmental and other public organizations related with tourism promotion.

【Target Group】
-Administrative Officers or public organization staffs who are in charge of tourism promotion and marketing
-Individuals who have at least 5 years of practical experiences in above mentioned position
-Person who have graduated a university or have the equivalent academic background
-Individuals between 30 and 45 years old

Contents

<Preparatory phase>
・The participant presents Country Report to understand current situation of his/her country tourism.

<Core phase in Japan>
1. Outline of Tourism in Japan
2. Tourism Marketing and Promotion
3. Sustainable tourism development
4. Field Trips and Observations
5. Creating destination marketing plan

<Post-program phase>
The knowledge and output (marketing plan) obtained from the program will be disseminated at the respective institutions and among the personnel concerned in the tourism industry of respective countries.

Program Period	2012 / 9 / 17 ～ 2012 / 10 / 25
Implementing Partner	Japan Transport Cooperation Association
JICA Center	JICA Tokyo(Industrial Dev.&Finance)
Cooperation Period	2010～2012
Remarks and Website	

Planning and Management of Eco-Tourism in Tropical and Subtropical Areas for Latin American Countries
中南米地域熱帯･亜熱帯におけるエコツーリズム企画･運営

Region-Focused Trainers | 1284029 Continuing | 10 participants

Target Countries : Latin America countries of native speakers in Spanish

Sector : Private Sector Development/Tourism

Sub-Sector : Nature Conservation/Sustainable Use of Natural Resources

Language : Spanish

Appeal

This course is designed to develop human resources who can plan/manage eco-tourism which cope with both dynamizing the economy and conserving nature/culture.

Objective/Output

The knowledge and the skills on planning and management of eco-tourism which has a well-balance of the development of local economy and the conservation of natural/historical environment will be shared with the person who is engaged in eco-tourism.

-To sort out the current situation in the job report.
-To be able to explain the basic idea and promotion system of eco-tourism.
-To be able to explain the idea of eco-tourism resources and the method of its management.
-To be able to formulate an eco-tourism program and human resource development program.
-To be able to formulate an action plan on how to share the knowledge and the skills on planning and management of eco-tourism.
-To report and review the action plan formulated in Japan at respective organizations.

Target Organization / Group

[Target Organization]
Governmental organization, public organization and NGO engaged in planning and management of eco-tourism in collaboration with governmental organizations.

[Target Group]
(1) Have more than three (3) years of experience in the above mentioned field.
(2) University graduate or equivalent.
(3) Healthy in both physically and mentally.
(4) Not be served in military.
(5) Good skill of PC and Digital Camera operation is necessary.

Contents

<Activity in Preliminary Phase in home country>
Formulating a Job Report describing the present situation of eco-tourism in the participants' countries, and participants' detailed work and roles of their organization.

<Activity in Core Phase in Japan>
This program consists of lecture, field work, observation tour and discussion.
(1) Basic idea of eco-tourism, Tourism development for area development, environmental education and eco-tourism for local area
(2) Eco-tourism resources, Eco-tourism resources research, Local rules of eco-tourism and its management
(3) The interpretation, Training program for eco-tourism guide, Formulation, presentation of human resource development program, Formulation and presentation of eco-tourism program
(4) Issue analysis of eco-tourism in respective countries, regions and organizations, PCM method, Eco-tourism project by ex-participants, JICA's technical cooperation project, Formulation and presentation of action plan

<Activity in Finalization Phase in home country>
Share and discuss, modify the action plan in respective organizations

Program Period	2012 / 9/26 ～ 2012 /12/1
Implementing Partner	NPO Okinawa Environment Club
JICA Center	JICA Okinawa
Cooperation Period	2010～2012
Remarks and Website	

Sustainable Regional Tourism Development in Latin America and the Caribbean Countries
中南米地域 持続可能な地域観光

Region-Focused Solution | 1284032 Continuing

12 participants

Target Countries : Latin America and Caribbean countries

Sector : Private Sector Development/Tourism

Sub-Sector :

Language : Spanish

Appeal

Hokkaido Government has positioned tourism as important policy and long history to develop community based regional tourism. Implementation agency "Center for Advanced Tourism Studies, Hokkaido Univ." is center player who support the policy from academic aspect.

Objective/Output

【Objectives】
The applicable solutions for an appropriate and sustainable tourism development, which are harmonized with community and natural environment will be proposed.

【Outputs】
(1)To acquire the overall knowledge on the basic ideas and conceptual frameworks, and world trends of sustainable tourism
(2)To improve the analyzing capability on sustainable tourism development by extracting problems in terms of environmental,economical,socio-cultural and other aspects.
(3)To obtain basic knowledge on policy and legal frame works, and learn practical methods and examples of the Government-Academia-Industry Collaboration.
(4)To propose an action plan for accomplishing sustainable tourism in respective countries.

Target Organization / Group

【Target Organizations】
Governmental Organization in charge of Tourism Development

【Target Group】
(1)Supervisor/Senior level government officials engaged in tourism development administration
(2)More than five (5) years of practical experience in the field of the tourism development
(3)University graduate or equivalent

Contents

Preparatory phase: Participant should prepare a "Country Report" which describes the present situation or difficulties on tourism development.

Curriculum in Japan:
(1)Confirm basic ideas, conceptual frameworks, and world trends of sustainable tourism
(2)Understand economic and socio-cultural impacts of tourism
(3)Introduction on the national/regional policy on tourism, legal frame works, roles and significance of collaboration among public, university, and private sectors.
* Various useful examples will be introduced and discussed.
(4)Propose Action Plans for accomplishing sustainable tourism in respective countries.

Finalization phase: Progress Report of Action Plan within three(3) months after the completion of the program in Japan

Program Period	under planning
Implementing Partner	Center for Advanced Tourism Studies, Hokkaido University
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	http://www.cats.hokudai.ac.jp (Only Japanese page)

Sustainable Tourism Development for the Middle East Region
中東地域 持続可能な観光開発

Region-Focused Solution | 1284112 Continuing

8 participants

Target Countries : countries in the Middle East Region

Sector : Private Sector Development/Tourism

Sub-Sector : Urban/Regional Development/Other Urban and Regional Development Issues

Language : English

Appeal

Participants will visit governmental organizations and private entities to understand "Sustainable Tourism" from various perspectives. The site visits are organized with the concept of "treasure hunting", such as local industrial tourism, eco-tourism, cultural heritage tourism, road side station program, etc. The site visits will be selected based on the applicability to targeted region. Discussions will be organized to enhance the learning among participants. This program has perspective in network building among countries and tourism development within the region.

Objective/Output

<Course Objective>
Action plan for the tourism development based on the concept of "Sustainable Tourism Development" will be drafted and implemented by responsible officials for their national or local tourism development.

<Expected Module Outputs> Participants will be able to;
(1) to explain current situations and issues for tourism development by the report. Deepen the mutual understanding through the discussion on the issues and potential of the tourism development in the Middle East Region.
(2) to explain the role of policy and measures in local tourism development based on Japanese cases.
(3) to point out the activity conditions and issues in formulating local organization.
(4) to make the tourism development plan in participants' countries through the comparison of Japan and participating countries' approach. Deepen the mutual understanding through the discussion on how each action plan contributes to the tourism development in the Middle East Region.
(5) to share, consider and enforce the draft action plan with the participants' organizations.

Target Organization / Group

<Target Organization>
Government (Central or Local) office or Public-Private-Partnership organization for local tourism development

<Target Group>
-Candidate for the managers from Government (Central or Local) office or Public-Private-Partnership organization for local tourism development
-More than 3 years' experience in the above mentioned field
-If there is related JICA project, the counterpart is preferable.

Contents

<Activity in Preliminary Phase in home country>
Submit Inception Report and Pre-Study Report *There is a possibility to have video conference meeting

<Activity in Core Phase in Japan>
Lectures: (1) Japanese cooperation in tourism sector in Middle East Region
(2) Tourism promotion policy in Japan, National and local level approaches in tourism development
(3) Concept for Sustainable Tourism Development, Tourism by utilizing the local resources (World Heritage, Eco Tourism, Culture-including the local museums), Human resource management for tourism, Formulating local organization, Case studies on the Sustainable Tourism Development Projects in the world supported by Japanese assistance.
Observation: Under planning
Discussion and Presentation: Inception Report, Action plan. Discussion to deepen the mutual understanding for issues and potential of the tourism development in the Middle East Region.

<Activity in Finalization Phase in home country>
Submit Progress Report 6 months after the training and share the situation with next year participant.

Program Period	2012/10/22 ～ 2012/11/17
Implementing Partner	Pacific Resource Exchange Center (PREX)
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Website of PREX: http://www.prex-hrd.or.jp/index_e.html

Tourism Promotion in Mekong Area
メコン地域 観光振興

Region-Focused Solution | 1284150 Continuing

Target Countries : Cambodia, Laos, Myanmar, Thailand, Viet Nam

10 participants

Sector : Private Sector Development/Tourism

Sub-Sector : Urban/Regional Development/Other Urban and Regional Development Issues

Language : English

Appeal

This training aims to make draft action plan for tackling their tourism development issues by discussion in order to clarify similarities and specific characteristics for enhancement of "Mekong as one destination" strategy. Participants will know the sustainable development cases which contribute to the prosperity of the local community and make discussion among the participants on how they can take action for further tourism development in Mekong Area.

Objective/Output

<Course Objective>
Action Plan for the necessary policy or project formulation in each country will be drafted in order to enhance the regional tourism promotion in Mekong Area. The network among the Mekong countries will be strengthened and activities in each country are shared among the network of the ex-participants.

<Expected Module Outputs> Participants will be able to;
1. deepen the mutual understanding through the discussion on the issues and potential of the tourism promotion in the Mekong Area.
2. find the potential value of the community and utilize as the tourism resources in Mekong area.
3. extract the applicable policy from tourism promotion policy and consumer protection policy in Japan.
4. analyze the needs and preferability of the tourist from Japan and other countries.
5. make the action plan in participants' countries through the comparison of Japan and participating countries' approach. Deepen the mutual understanding through the discussion on how each action plan contributes to the enhancement of regional tourism promotion in Mekong Area.

Target Organization / Group

<Target Organization>National or local Government (Central or Local) office

<Target Group>
-National or local government officials in charge of decision making of tourism promotion
-More than 5 years' experience in tourism promotion
-If there is related JICA project, the counterpart is preferable.
-The officials who will be in charge of tourism promotion continuously after the training.

Contents

<Activity in Preliminary Phase in home country>
Submit Inception Report and Pre-study Report *there is a possibility to have JICA-Net meeting

<Activity in Core Phase in Japan>
Lecture: 1. Japanese cooperation in tourism sector in Mekong Area
2. Examination and utilization of local potential resources for tourism
3. Policy to promote a tourism-oriented country, Regulation for safe cross-border transports,Travel agency act for consumer protection
4. Tourist needs (Japanese/and other foreign traveler), regional tourist promotion strategy
Visits: Travel agency, Governmental organizations for tourism promotion
Practice: Making draft action plan and discussion
Presentation: tour plan presentation at video conference

<Activity in Finalization Phase in home country>
Submit Progress Report 6 month after the training and share the situation with next year participants.

Program Period	2013 / 2/18 ～ 2013 / 3/16
Implementing Partner	Pacific Resource Exchange Center (PREX)
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Pacific Resource Exchange Center (PREX) http://www.prex-hrd.or.jp/index_e.html

Sustainable Tourism Development in CARICOM Countries
持続可能な観光開発（カリゴム諸国）

Region-Focused Solution | 1284229 Continuing

9 participants

Target Countries : CARICOM countries

Sector : Private Sector Development/Tourism

Sub-Sector :

Language : English

Appeal

This program is designed for development of tourism and community in CARICOM countries, through sustainable tourism development.

Objective/Output	Target Organization / Group
[Course Objective] The issues on planning and managing the sustainable tourism development will be directed, and the practical measures to the issues will be formulated. [Expected Module Output] (1) Current situation and issues in participant's country and his duty is sorted out in job report. (2) Issues on the roles of tourism administration and the collaboration system of various tourism related organizations will be solved. (3) Issues on sustainable tourism revenue will be solved. (4) Issues on conservation management and utilization of tourism resource will be solved. (5) To be able to formulate an action plan on how to achieve sustainable tourism development in their own organizations. (6) To report and review the action plan formulated in Japan in their own organization.	[Target Organization] Public sector, tourism-related organizations and NGOs, which currently partake in the promotion or planning and development of tourism (including ecotourism) [Target Group] (1) Administrative officials or members of NGOs working for the tourism sector. (2) Have more than three (3) years' practical experience in the above field. (3) University graduate or equivalent. (4) Have a good command of English. (5) Healthy in both physically and mentally. (6) Not served in military

Contents		
<Activity in Preliminary Phase in home country> Formulating a Job Report describing the present situation of tourism development in the participants' countries, and participants' detailed work and roles of their organization. <Activity in Core Phase in Japan> This program consists of lecture, field work, observation tour and discussion. (1) Tourism administration on Japan and Okinawa, Tourism promotion plan in Okinawa, Collaboration system of various tourism related organizations in Japan and Okinawa (2) Sustainable tourism development, Tourism business, Tourism promotion by private enterprise (3) Conservation and utilization of local resources, Human resource development in tourism field, Tourism program which make the most of local resources, Development of souvenir (4) Arrangement the issues on sustainable tourism development in each countries, PCM method, Formulation and presentation of an action plan. <Activity in Finalization Phase in home country> (5) Share and modify the action plan in respective organizations	Program Period	2013 / 1/ 9 ～ 2013 / 3 /2
	Implementing Partner	NPO Okinawa Environment Club
	JICA Center	JICA Okinawa
	Cooperation Period	2010～2012
	Remarks and Website	

Sustainable Tourism Development in African Countries (Natural and Cultural Tourism Development) / TICAD IV Follow-up
アフリカ地域 持続可能な観光開発（自然及び文化観光開発）／TICAD IVフォローアップ

Region-Focused Solution | 1284306 | Continuing

Target Countries : African Countries

11 participants

Sector : Private Sector Development/Tourism

Sub-Sector :

Language : English

Appeal

This course is designed for African countries, which has rich tourism resources but poor tourism industries, to aim tourism development through solving the problem which participating organizations are facing.

Objective/Output	Target Organization / Group
<Course Objective> The issues on sustainable tourism development which participating organization are facing will be identified, and the organization plan for tourism promotion will be formulated. <Objective for each unit> Issues on sustainable tourism in respective country will be ordered. To understand a various types of tourism. Issues on the concept of tourism resource and the way of its discover, utilization and management will be ordered. Issues on the roles of tourism administration and the collaboration system of various tourism related organizations will be ordered. To be able to formulate an action plan on how to achieve sustainable tourism development in their own organizations. To report and review the action plan formulated in Japan in their own organization.	<Target Organization> Ministries and/or agencies responsible on tourism <Expected Job Experience> Have more than three (3) years of experience in the above mentioned field. <Others> (1) University graduate or equivalent. (2) Have a good command of English in speaking, listening and writing. (3) Healthy in both physically and mentally (As this course includes field works, pregnancy is regarded as a disqualification). (4) Not serving in military.

Contents		
Formulation, presentation, discussion of Job Report Comparison of current status of each country (region) Tourism development plan in each country (region) Natural tourism (beach, whale watching, mangrove, coral reef, orange harvest) Cultural/historical tourism (traditional dance, sanshin, world heritage, prefectural peace memorial museum) Tourism marketing, promotion Conservation and utilization of local resources, Tourism resource survey Human resource development in tourism field Market Research Tourism administration on Japan and Okinawa Method of project formulation, implementation, monitoring and evaluation (PCM method) Formulation, presentation, discussion of an action plan. Report the contents, results of the training program and action plan, etc	Program Period	under planning
	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2011～2013
	Remarks and Website	

Sustainable Tourism Development in French-speaking African Countries / TICAD IV Follow-up
仏語圏アフリカ 持続可能な観光開発／TICAD IVフォローアップ

Region-Focused Solution | 1284307 Continuing

15 participants

Target Countries : French-speaking African Countries

Sector : Private Sector Development/Tourism

Sub-Sector : Private Sector Development/Tourism

Language : French

Appeal

This training course is designed for the governmental or local administrative officer who is concerned with regional tourism development as regional promotion policy in African countries. This course offers the participants not only lecture and field observation but also the opportunity for having practical idea for planning the regional tourism in respect of various points by participants experiencing the workshop and presentation.

Objective/Output

【Objective】
The know-how to plan the regional tourism development on the basis of regional resources will be shared among the persons concerned with the regional tourism development.

【Objective for each unit】
(1)To be able to evaluate the tourism resource of own country and make use it.
(2)To be able to plan the sustainable and regional tourism considering the enhancement of the life of regional people.
(3)To be able to plan the sustainable and regional tourism considering the culture preservation and exploitation of region.
(4)To be able to proceed the plan of sustainable tourism development confirming the each stage of the process.
(5)To be able to plan the sustainable and regional tourism considering the preservation of natural environment.
(6)To elaborate the action plan being able to realize in own work area.

Target Organization / Group

【Target Organization】
Central and Local governmental organization, Public cooperation and NGOs related to tourism development.

【Target Group】
(1)Officer, Tourism Promotion Staff.
(2)Have more than three years' practical experience in the above field.
(3)Person who leads the regional tourism development policy.

Contents

【Preliminary Phase】Formulating a Job Report describing the present situation of tourism development in the participants' countries and participants' detailed work and roles of their organization.

【Core Phase in Japan】
(1)Presentation of tourism resources which each participant thinks important.
(2)The evaluation of tourism resources.
(3)The good example of utilization of tourism resources in Japan.
(4)The process of tourism development (Situation survey environmental assessment, Contentment making with concerning persons, planning, implementation, monitoring etc.).
(5)Discussion with persons concerned with tourism.
(6)Method of enhancement of the life of local people. How to combine local resources, such as agriculture and local cultural activity, with tourism development.
(7)Case study (Failure case of environmental preservation in tourism development of Japan/Success case of environmental preservation in tourism development of Japan/Discussion with persons concerned with tourism etc.)

【Finalization Phase in home country】(1)Sharing the idea of Action Plan with own organization and persons (2)Holding the seminar on tourism development for the regional people and the staff concerned with tourism.

Program Period	2013 / 2/11 ～ 2013 / 3/17
Implementing Partner	Under Planning
JICA Center	JICA Hokuriku
Cooperation Period	2011～2013
Remarks and Website	

Sustainable Tourism Development in African Countries (Tourism Resources Development) / TICAD IV Follow-up
アフリカ地域 持続可能な観光開発(観光商品開発)／TICAD IVフォローアップ

Region-Focused Solution | 1284310 Continuing

12 participants

Target Countries : Africa

Sector : Private Sector Development/Tourism

Sub-Sector :

Language : English

Appeal

This training program provides participants opportunities to expand knowledge to develop tourism program by utilizing undeveloped local tourism resources such as nature, history, local products, and local materials in cooperation with the local community and to enhance capacity to design and promote the tourism program by sharing Shikoku's experiences.
(Note) Out of Topics / Ecotourism,National Park for wildlife

Objective/Output	Target Organization / Group
【Course Objective】 The Action Plans (The tourism commercialization plans) featuring the local resources such as communities, products, and locations in the home countries will be formulated by the participants. 【Expected Module Output】 1. To understand the basic strategies required for the commercialization of tourism 2. To learn about the role of governments and local residents, methods of cooperation and collaboration between governments and local residents, and participation methods for local residents regarding the commercialization of tourism 3. To learn about the practical methods required for planning, making up plans and their implementation, and marketing for the commercialization of tourism 4. To formulate action plans related on participants' work	【Target Organizations】 Public and Private sector which are engaged in promoting and development on tourism 【Target Groups】 -The person who have been engaged in the development of the tourism in the public or private sector -Especially, being in charge of tourism development planning to integrate a lot of local attractive tourist spots (A tourist program planner or coordinator of tourism plan etc.) -Experience in the tourism development more than 5 years

Contents

【Preliminary Phase in home country】
Preparation of country/job reports before training

【Core Phase in Japan】
(Lectures, Practices, Field visit, Discussion and Presentation)
1. Presentation of Country/Job Report,Tourism strategies in Shikoku,Current status and issues of the tourism business in Shikoku

2. Role of the related organizations,Points of cooperation between governments and local residents,Participation methods for local residents

3. Examples of the development of tourism resources,Site visits to development areas for specialty products and farm fresh products,Planning, Commercialization, and Public relations for tourism

4. To consider the commercialization of tourism in each country,To formulate and make a presentation of action plans for tourism products in each participant's country

【Finalization Phase in home country】
Presentation and sharing of the action plan in participants' organization

Program Period	2012/11/ 4 ～ 2012/11/18
Implementing Partner	Shikoku Productivity Center
JICA Center	JICA Shikoku
Cooperation Period	2011～2013
Remarks and Website	

Sustainable Tourism Development in African Countries (Community-based Tourism Planning) / TICAD IV Follow-up
アフリカ地域 持続可能な観光開発（コミュニティベースの観光計画立案）／TICAD IVフォローアップ

Region-Focused Solution | 1284315 Continuing | 8 participants

Target Countries : English-speaking African countries relatively developing tourism

Sector : Private Sector Development/Tourism

Sub-Sector :

Language : English

Appeal

The training program is closely related to the following field:
1) capacity development for public and private tourism agencies and
2) sustainable tourism development with community based approach.
The training course consists of theories, observations, case studies, and workshop for formulating a community-based tourism plan in participant's country.

Objective/Output	Target Organization / Group
<Course Objective> Participant's organization initiates to consider launching the plan for sustainable tourism development (Action Plan), which is friendly to regional environment and lives of local residents. <Objective for each unit> (1)To analyze issues of their organization and issues of tourism development in participants' regions or countries, through participating in Issue Analysis Workshop and presenting their Job/Country reports (2)To recognize the importance of sustainable regional tourism development through basic ideas, conceptual frameworks, and techniques for developing sustainable regional tourism (3)To explain characteristics of sustainable tourism development with community-conscious and with environmentally friendly through field study and site visits in the Chugoku region (4)To understand and utilize frameworks and techniques to make a community-based tourism plan (5)To make and present a community-based tourism plan (Action Plan) (6)To share participants' community-based tourism plan (Action Plan) and submit the progress report	<Target Organization> Organizations which promote or plan to promote community-based tourism, such as tourism authority of the central government and the local governments, tourism related NGOs, and travel agencies <Expected Job Title> Officials in charge of promoting or planning to promote community-based tourism in central or local government, NGOs, or travel agencies <Expected Job Experience> At least 3 years of work experience in tourism development

Contents		
(Preliminary Phase) ・Preparation of Job/Country Report (Core Phase) ・Issue Analysis Workshop ・Job/Country Report Presentation ・Theories and conceptual frameworks of Sustainable Tourism Development ・Importance of the tourism development through community based approach ・Case studies of the community-based tourism in developing countries ・Tourism Administration in Japan and Chugoku District ・Tourism Promotion Measures taken by Hiroshima Pref. ・Environmental Problems at Tourist Destinations ・Case study of community based tourism in the Miyajima Island, World Heritage Site ・The formulation and presentation of Action Plan (Finalization Phase) ・Formulation and Submission of Progress Report (3 months after participant's return)	Program Period	2012 / 8 / 8 ～ 2012 / 9 / 29
	Implementing Partner	The Graduate School of Social Sciences, Hiroshima University
	JICA Center	JICA Chugoku
	Cooperation Period	2011～2013
	Remarks and Website	Participants will submit the Progress Report of their Action Plan to JICA three months after their return to their country.

Planning and Management of Eco-tourism in Tropical and Subtropical Areas for Asia and Oceania Region
アジア・大洋州地域熱帯・亜熱帯におけるエコツーリズム企画・運営

Region-Focused Solution | 1284843 Updated

8 participants

Target Countries : Countries in Asia / Oceania

Sector : Private Sector Development/Tourism

Sub-Sector : Nature Conservation/Sustainable Use of Natural Resources

Language : English

Appeal

This program is designed to tackling with the issues which the organizations in charge of planning and management of eco-tourism are facing.

Objective/Output	Target Organization / Group
【Objective】 The practical measures to the issues on planning and managing the eco-tourism in tropical and/or sub-tropical areas which participating organizations are facing will be formulated. 【Objective for each unit】 (in participants' home countries)Job report is submitted The issues on promoting eco-tourism are sorted out The issues on eco-tourism resources and methods of its management are sorted out Eco-tourism programs effectively using local peculiar resources are formulated Human resources development programs for local people who support eco-tourisms are formulated An institutional action plan which aims for solving the issues sorted out above (in participants' home countries)Completion(Progress) Report of the Action Plan is submitted	[Target Organization] Governmental organization, public organization and NGO engaged in planning and management of eco-tourism in collaboration with governmental organizations. [Target Group] (1) Have more than three (3) years' practical experience in the above field. (2) University graduate or equivalent. (3) Have a good command of English. (4) Healthy in both physically and mentally. (5) Not served in military

Contents		
Preparation of presentation materials and Formulation of Job Report Lectures for a basic idea of an eco-tourism Case studies of the environmental education and eco-tourism for local areas Lectures for a tourism development for local areas Lectures for an eco-tourism administration and its legislation Lectures for a concept of eco-tourism resources Workshop for local resources development Lectures and practices for a method of the eco-tourism resources research&monitoring Case studies of the management mechanism and the establishment of local rules Case studies of the eco-tour programs which utilized local natural resources Lectures for the management of eco-tourism facilities&related organizations Lectures and practices for a basic idea of the interpretation Formulation and presentation of eco-tour program Case studies of the enlightenment activities in locality Case studies of the training programs for eco-tour guides Lectures for a human resources development in educational institutions Formulation and presentation of human resources development programs Issue analysis of the eco-tourism in participants' organizations Practice for the method of project formulation, implementation and evaluation (PCM) Formulation and presentation of an action plan Application and implementation of the action plan Submission of completion (progress) report by December, 2011	Program Period	2012 / 4/11 ～ 2012 / 7/7
	Implementing Partner	NPO Okinawa Environment Club
	JICA Center	JICA Okinawa
	Cooperation Period	2012～2014
	Remarks and Website	

12.Agricultural/ Rural Development

Planning and Designing of Agricultural Statistics for Agricultural Policy Making
農業政策立案のための農業統計企画･設計

Group 1280046
Trainers Continuing
16 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Policy and System

Sub-Sector :

Language :English

Appeal

To develop the ability of making statistics that is the basis of planning of agricultural policy to be contributed to secure food in developing countries.

Objective/Output	Target Organization / Group
【Objective】 The ability of planning/designing for governmental officers in the department/bureau responsible for agricultural statistics, or agricultural policy making and/or food supply-demand planning is improved. 【Objective for each unit】 (1) Developing the ability in agricultural policy making and food supply-demand planning towards sustainable agricultural production, and then possible to explain improvement plans for the participant's country. (2) Understanding necessity to improve agricultural statistics for policy making and food supply-demand planning, and possible to explain priority of future survey items to be collected in the participant's country. (3) Understanding methods of planning and implementing agricultural census and sample survey, and possible to make the basic survey plan such as a prototype of questionnaires along with the country's situation. (4) Understanding utilization of latest technologies to be able to introduce statistical surveys, and then possible to explain the possibility to apply them taking into account of efficiency and cost effectiveness. (5) Possible to prepare the action plan for agricultural policy making and food supply-demand planning utilizing agricultural statistics.	【Target Organization】 Current Duties: Officers who are specialists attached to or who hold the position of deputy (assistant to) head of the division in the Department/Bureau responsible for agricultural statistics, or agricultural policy making and/or food supply-demand planning, affiliated to the agricultural administration agencies of the central government (ex. Ministry of Agriculture, etc.). 【Target Group】 Experience in the relevant field: with more than 5 years of experience working in the central governmental agencies or other related organizations

Contents		
【Preparation Program】 Making Inception Report. 【Core Phase in Japan】 (1) Lectures on transition of agricultural policy/food supply-demand planning and planning method in Japan, and Lectures toward the planning of agricultural policy in developing countries (2) Lectures on transition of economic development and agricultural statistics, and the roll of agricultural statistics contributing for making agricultural policy in developing countries (3) Lectures and practice on planning/designing of agricultural census and sample surveys, and issues of developing countries (4) Lectures and practice on latest technology to be able to introduce statistical surveys such as Geographic Information Technology (GIS), Remote Sensing (5) Lectures and practice on PCM method and formulating of action plan 【Post Program】 Making Progress Questionnaire Sheet.	Program Period	2012 / 8/26 ～ 2012 /10/20
	Implementing Partner	Under Planning
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	

Planning of Agricultural Policy
農業政策企画

Group 1280067
Solution Continuing
15 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Policy and System

Sub-Sector :

Language :English

Appeal

This course is designed for the participants, who are in charge of policy planning, invited from the countries designated to formulate and implement effective and practical policy and measures with request of technical cooperation for better agricultural production and food security of the respective countries by widely studying systems related to Japanese agriculture and the legal matters concerned through classroom lectures, field visits.

Objective/Output

【Objective】
The participants are expected to achieve the following; Institutional system in agriculture is established or improved. Cooperation proposal of project in the necessary field or subject is formulated. The participants are expected to achieve to formulate plan for establishment or improvement of institutional system.

【Expected Results】
(1) To explain about issues or tasks on agricultural administration and policy in own country,
(2) To understand Japanese agricultural policies and measures, and legal / institutional system,
(3) To understand the main factors for development of Japanese agriculture such as technology, organizational approach by farmers, infrastructure, etc.,
(4) To understand Japanese ODA strategy and its frame, achieved results and future prospect, and
(5) To consider techniques, knowledge, know-how and organizations to contribute on establishment of new institutional systems or improvement of existing one on agricultural policy and measure, and to formulate Action Plan for solving issues.

Target Organization / Group

【Target Organizations】 Department / Bureau concerned to agricultural policy planning or international cooperation affairs, in Central Government (Ministry / Agency), in principal, responsible for agricultural administration.

【Target Group】
(1) be officer assigned on planning policy or international cooperation affairs, preferably has organizational position as sub-director, director or higher position
(2) have more than 1 year experience in the above field
(3) participant should continue present job/post at least 1 year.

Contents

1. Preliminary Phase in a participant's home country (by participating country side)
(1) Collecting and sorting of kinds of material on statistics, law, institution, guideline on agricultural administration.
(2) Making "Inception Report" by Capacity Assessment through analysis of own country's' current situation of agricultural administration, policy and measure, and institutional / legal system.
2. Core Phase in Japan:
(1) Inception Report Presentation
(2) Agricultural administration (national level,prefecture level,municipality level).
(3) Legal and institutional system on Japanese agriculture.
(4) Plan for execution on each subject/field by Japanese style administration system.
(5) Technology development system
(6) Observation on technical application site.
(7) Outline of JICA's role, activity and cooperation scheme.
(8) Achievement of cooperation on agricultural and rural development,and future prospect.
(9) Consideration on applicability and adaptability in Japanese style agricultural administration system.
(10) Making plan on establishment of new institutional systems,
(11) Improvement of existing institutional system through PCM procedure.

3. Finalization Phase in a participant's home country: Making "Final Report".

Program Period	2012 / 8/19 ～ 2012 / 9/15
Implementing Partner	The Institute for the Development of Agricultural Cooperation in Asia
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	

Zero Emission-type Agriculture and Rural Development
ゼロエミッション型農業･農村開発

Group 1280758
Solution Continuing
5 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Policy and System

Sub-Sector :Environmental Management/Environmental Administration

Language :English

Appeal

This program aims at increasing agricultural production as well as improving environment of rural area by reusing and recycling of agricultural waste in the form of utilizing biomass, renewable natural energy and etc.

Objective/Output

[Course Objective]
Draft of improved/revised plan that introduces the concept of sustainable economic, social and environmental development into the Agricultural and Rural Development Program/Project formulated by local governments are proposed.

[Expected Module Outputs]
(1) To be able to explain the current situation and the challenges of Japan's agriculture and rural societies from the perspective of making them more sustainable.
(2) To be able to explain the current situation and challenges of agriculture and rural societies in other countries including developing countries from the perspective of making them more sustainable.
(3) To be able to describe the activities of farmers and stakeholders in order to formulate system of zero emission-type agriculture and rural development.
(4) To be able to formulate Draft Improvement Plan introducing the method on zero emission-type agriculture and rural development in the participant's own country.

Target Organization / Group

[Target Organization]
Local level government responsible for agriculture or environmental issues as well as their related research centers and experiment stations

[Target Group]
Middle-level administrative officials or researchers with working experience of at least five (5) years in relevant fields

Contents

[Preliminary Phase in home country]
Submission of Inception Report: Issue analysis of target organization.

[Core Phase in Japan]
(1)Current situation and challenges of Japan's agriculture and rural societies in terms of their economic and social aspects, Case examples of efforts toward sustainable agriculture and rural development in Japan.
(2)Environmental problems and policy measures in agriculture and rural societies in developed countries, Environmental problems and use of renewable energy in developing countries.
(3)Actual situation and policy support for renewable energy in Japan, Biological control for sustainable agricultural production, Environmental technology development at experimental research institutions, Environmental issues and consumer movement, Environmental education.
(4)Analysis and clarification on environmental issues in each organization, Formulation on Interim Report.

[Finalization Phase in home country]
Submission of Final Report from their organizations within six months after returning their home countries.

Program Period	2013 / 3 / 20 ～ 2013 / 5 / 18
Implementing Partner	Obihiro Univ. of Agriculture & Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2009～2012
Remarks and Website	http://www.obihiro.ac.jp/english/index.html

Internationally Harmonized Plant Variety Protection System (PVP System)
国際的に調和された植物品種保護制度

Group 1280924
Solution Continuing

Target Countries :

7 participants

Sector :Agricultural/Rural Development/Agricultural Policy and System

Sub-Sector :

Language :English

Appeal

This program is designed for personnel in PVP-related authorities, in order for them to gain understanding about the internationally harmonized PVP system, DUS test and formulation of test guidelines. The program comprises of a series of lectures, demonstrations and field visits, providing participants with practical skills to introduce the internationally harmonized PVP system to their own countries.

Objective/Output	Target Organization / Group
【Course Objective】 1. To learn how to develop the Test Guideline and implement DUS test regarding the internationally harmonized PVP system. 2. To develop the improvement plan for each participant's country based on acquired knowledge about internationally harmonized PVP system. 【Expected Module Outputs】 Participants are expected to be able to: 1. Understand and analyze the situation of PVP system in their own countries. 2. Explain clearly about the overall structure of PVP system. 3. Explain clearly about DUS test and its methodologies. 4. Explain clearly about how to formulate the test guidelines. 5. Formulate action plans, based on 1-4 above that suggests ideas for improvement of PVP system in their own countries.	< Target Organization > Authorities that engages in PVP system < Qualification of Nominee > 1. Administrative officers/ researchers who are closely involved in the PVP system. 2. More than 3-year experience. 3. Between the ages of 25 and 45. 4. University graduate or equivalent. 5. Good command of English, preferably with TOEFL CBT 250 or equivalent. 6. Not under the military service.

Contents		
< Preliminary Phase in home countries > Participants make inception reports that describe the situation of PVP in their own countries. < Core Phase in Japan > 1. Overview of PVP system in Japan and by UPOV 2. Overview of DUS test and its methodologies 3. Formulation of test guidelines and its methodologies 4. Application of PVP system among private/business sector 5. Task identification and formulation of action plan 6. Making the Action Plan	Program Period	2012 / 8 / 19 ～ 2012 / 10 / 27
	Implementing Partner	National Center for Seeds and Seedlings (NCSS)
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	

Agricultural Extension Planning and Management
農業普及企画管理者

Group 1280926
Trainers Continuing
14 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Policy and System

Sub-Sector :Agricultural/Rural Development/Agricultural Development

Language :English

Appeal

This course aims to enhance participants' skills and knowledge on planning, operation, monitoring and evaluation of agricultural extension services.

Objective/Output	Target Organization / Group
<Program Objective> Participants' capacity to promote effective agricultural extension services in their own countries is improved with a focus on planning, operation, monitoring and evaluation. <Outcome> (1) Participants understand the outline and principles of extension service in Japan. (2) Participants acquire the methodology of planning, monitoring and evaluation of extension service program. (3) Participants acquire the methodology of extension activities and its planning. (4) Participants acquire the methodology of training to foster extension officers. (5) Participants identify problems and tasks of extension services in their own countries and develop action plan for more effective extension services.	< Target Organization> National government, local government or NGOs in the field of agricultural extension services. <Target Group> Staff of national government, local government, or NGOs, being in charge of planning and management of agricultural extension services, with more than five-year professional experience.

Contents		
(1) Agricultural extension service program in Japan and observations of extension centers. (2) Instruction methodology, human resource development, evaluation methodology, etc. (3) Planning methodology of agricultural extension services. (4) Designing of training curriculum for trainers. (5) Development of job report, Project Cycle Management (PCM) and presentation of Action Plan.	Program Period	2012 / 6 / 24 ～ 2012 / 9 / 1
	Implementing Partner	Japan Agricultural Development And Extension Association(JADEA)
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	

Workshop on Planning, Implementation, and Monitoring of National Rice Development Strategy (NRDS) for Sub-Sahara African Countries
サブサハラアフリカ地域稲作振興政策立案･実施･モニタリング

Region-Focused Solution | 1284087 Continuing | 16 participants

Target Countries : Sub-Sahara African Countries

Sector :Agricultural/Rural Development/Agricultural Policy and System

Sub-Sector :

Language :English/French

Appeal

This program is designed for Coalition for African Rice Development (CARD) member countries and aims to support the CARD member countries in effective preparation, implementation and monitoring of the NRDS.
The main target is central government officials in charge of NRDS and the course enables them to enrich their understanding on agricultural policy and value chain of rice in Japan.
Participants will identify each country's challenges with NRDS and prepare the Matrix and an Action Plan to tackle them.
This course is jointly implemented with CARD Secretariat to directly contribute to the premonition of CARD process.

Objective/Output	Target Organization / Group
【Objective】 In the process of planning/implementation/monitoring of NRDS,the Matrix and Action Plan prepared by the participants is utilized in participants' organization/department. 【Expected Results】 1. Points necessary to be considered and reference cases for rice development in each country are understood,as a result of understanding agricultural policy and value chain of rice in Japan. 2. Each country's challenges in the implementation of NRDS are listed, as a result of referring to other countries' situation, which participants understand after discussion with other participants and CARD related people. 3. Content or method of smooth and effective planning/implementation/monitoring of NRDS,which is feasible in participant's organization/department,is proposed. 4. Action Plan is discussed in participant's organization/department.	【Target Organization】 Government organization which is involved in the preparation, implementation and monitoring of the NRDS process and has the focal point or task force members in it. 【Target Group】 1. Focal point or task force member of NRDS 2. More than 10 years' experience in the relevant field of agricultural policy or rice production 3. Graduate of university or equivalent 4. Recommendation from CARD Secretariat

Contents

【Preparatory Program】
0. Preparation of Inception Report(Outline of participant's organization and duty, situation and issues regarding NRDS)

【Program in Japan】
Lectures, discussion, and field trips regarding the following items are implemented.
1. Agricultural policy,production/post harvest/distribution and marketing of rice
2. Presentation on the situation regarding each countries'NRDS,organization and presentation of problems which are occurring in the process of implementation of NRDS in each country,discussion among participants and with lecturers
3. Proposal for how to deal with the sorted problems(Preparation of Action Plan)

【Post Program】
4. Reporting in participant's organization, approval of the Action Plan by the organization,and participating and presenting the progress of the Action Plan in the Workshop organizing by CARD Secretariat

*This year, the course focuses on enriching sub-sector intervention element Matrix which is being discussed in the CARD process to embody the actions for NRDS realization.

Program Period	2012 / 8/26 ～ 2012 / 9/29
Implementing Partner	JICA Tsukuba
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2010～2012
Remarks and Website	http://www.riceforafrica.org/

Agrobiotechnology for Sustainable Agriculture
持続可能な農業のためのアグロバイオテクノロジー

Group 1280003
Solution Continuing

Target Countries :

5 participants

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

Overall goal of this program is that organizations and universities in the field of agrobiotechnology will strengthen research basis to solve agricultural issues in each participating country, which contributes to construct safe and sustainable basis of agriculture. To this end, this program focuses on integration of fundamental theories and application to agricultural science.

Objective/Output

【Objective】
Mid-career researchers and technologists of agrobiotechnology will be fostered, who are capable of planning an agrobiotechnology related research project on food production, safety, and environmental protection.

【Outputs】
(1) To be able to identify problems on agrobiotechnology and status of its application concerning food production, safety and environmental protection
(2) To be able to explain fundamental principles and application of agrobiotechnology concerning food production, safety and environmental protection
(3) To be able to explain and practice major experimental methods of agrobiotechnology in the field of microorganisms, livestock, higher plants, and chemical pollutants
(4) To be able to select suitable techniques for solving agricultural problems in a participating country and draft a proposal making use of those techniques
(5) To submit a progress report on a proposal after it is subjected for feasibility study

Target Organization / Group

【Target Organization】
Governmental research organizations and universities in the field of biotechnology and bioscience

【Target Group】
(1) Current Duty: be a researcher or a technologist engaged in research activities in microorganisms, livestock and higher plants
(2) Experience: have more than 3 years in these fields
(3) Educational Background: be a university graduate or equivalent
(4) Age: preferably between 26 and 40 years old
(5) Others: should be willing to learn not just his/her own field, but also other field of study

Contents

【Preliminary Phase】
・A country report describing general situation of biotechnology, problems on agrobiotechnology, desired or applicable techniques to solve problems, and a participant's research experience and a field of his/her interest is formulated.

【Core Phase】
Lectures:
・General principles and view of biotechnology, introduction to molecular genetics, biotechnology utilizing microorganisms, livestock, and higher plants
・Screening and identification of useful microorganisms, molecular breeding, etc.
・Plant virology, genetic engineering in plants, secondary metabolite production by in vitro plant culture
・animal breeding, etc.
Observations:
・National research institutes, related companies, and university farm
Individual Lab Practice, Workshop and Presentation:
Workshop for action plan (proposal) making and guidance
Guidance for action plan and presentation

【Finalization Phase】
・Discussion on presented action plan (proposal) in each participating organization
・Submission of a progress report to JICA within 2 months after return

Program Period	2013 / 3/26 ～ 2013 / 7/13
Implementing Partner	Graduate School of Agricultural Science, Kobe University
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Since this program was not implemented in FY2010, cooperation period is between 2011 and 2013. FY2012 is the second year for its implementation. Relevant URL: http://www.ans.kobe-u.ac.jp/english/index.html

Development and Marketing of Agricultural Processed Products for Economic Empowerment of Women in Farming Communities
農村における女性の経済的エンパワメント促進のための農産物加工品の開発及びマーケティング

Group 1280004
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

The training program is designed for the staffs of local/central government, NGO and cooperatives who are instructors of processing of agricultural products for women's economic self-reliance in the rural communities or agricultural village areas.

((Target Group) /Extension worker, Vocational trainer etc. Disqualification: Administrators, The Program exclusively for women)

Objective/Output	Target Organization / Group
【Course Objective】 Action plan to disseminate knowledge and skills on development and marketing of added-value processed agricultural products for women in farming communities would be shared in Participating Organization. 【Expected Module Output】 1: To be able to explain knowledge and skills on women's empowerment by understanding case and history of vitalization of rural communities in Japan 2: To be able to understand a series of the process for making, packaging and sales on agricultural products by concerning food hygiene 3: To be able to explain knowledge and skills of Project Management through the case study of some Projects. 4: To be able to understand vitalization of rural communities by recognition of local resources 5: To be able to make an action plan	【Target Organization】: Government, NGO or cooperatives in charge of development of added-value agricultural processed products in local area 【Target Group】: -be extension workers and/or vocational trainers to woman in farming communities directly,in the field of agricultural processed products at eligible/target organizations - be at least a graduate of high school -at least 2 years' experience in the field -Disqualification: Administrators -The Program exclusively for women

Contents		
【Preliminary Phase in home country】 Preparation of country/job reports before training 【Core Phase in Japan】 (Lectures, Practices, Field visit, Hands-on training, Discussion and Presentation) 1:Country reports/jobs presentation,Contemporary life improvement, Roles of women 2:Agricultural processing and Packaging techniques,Improvement of food hygiene, Marketing 3:The case study of some Project, 4:Local Development (Field trip) 5:Formulation/Presentation of Action Plan 【Finalization Phase in home country】 Presentation and sharing of the action plan	Program Period	2012 / 6/ 6 ～ 2012 / 7/19
	Implementing Partner	OISCA Shikoku Training Center
	JICA Center	JICA Shikoku
	Cooperation Period	2010～2012
	Remarks and Website	Website http://www.oisca-international.org/

Sustainable Pasture Based Livestock Farming Development
環境に配慮した草地畜産開発

Group 1280025
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :Nature Conservation/Sustainable Use of Natural Resources

Language :English

Appeal

The course aims to develop human resources who contribute rural development by utilizing sustainable pasture based livestock farming knowledge and skills.

Objective/Output	Target Organization / Group
To create an action plan based on knowledge and skills with this course to solve their country's problem related livestock sector and to propose the action plan to their organization. 【Objective1】 To explain clearly the current situation and issues of Pasture based livestock farming in their own country 【Objective2】 To acquire knowledge and skills on various aspects of sustainable pastured based livestock farming, and to be able to practice 【Objective3】 To acquire effective extension and presentation skills and to be able to practice 【Objective4】 To create an action plan toward the resolution of own country's issues by using acquired knowledge and skills in this course 【Objective5】 To report an action plan to their department	Target Organization: Governmental Organ related to livestock raising Target Group: (1)Extension officers of governmental organ, Technical official related to stock raising (2)Experience of three years or more in livestock raising field (3)People who have enough English language skill (4)People who are mentally and physically healthy and are not pregnancies (5)People who do not belong to military forces

Contents

【Preliminary Phase】
Formulation of Inception Report which is covered the current situation and issues of Pasture based livestock farming in their own country

【Core Phase in Japan】
This program consists of the following lectures and practices and observation studies. and so on
1)Japanese livestock sector and outline of forage crops production and utilization in Japan
2)Soil analysis method,
3)Forage analysis method
4)Utilization of under used feed resources
5)PCM method, Field research, Gender in rural development
6)Making for Action Plan and presentation

【Final Phase】
To implement the action plan (interim report) and report on progress

Program Period	2012 / 4 / 11 ～ 2012 / 8 / 18
Implementing Partner	National Livestock Breeding Center(NLBC)
JICA Center	JICA Tohoku
Cooperation Period	2010～2012
Remarks and Website	

Animal Agriculture for Sustainable Rural Development
持続的農村開発のための畜産振興

Group 1280042
Solution Continuing

Target Countries :

12 participants

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This program aims to nurture abilities to plan, organize and promote an integrated animal agriculture system, especially that of dairy farming, suitable for the participant's home country.
The course provides the participants with opportunities to identify their own countries' problems, find out the causes and plan realistic solutions to improve rural productivity through a series of lectures, practices, discussions and site visits to farms, cooperatives and research/educational institutions.

Objective/Output	Target Organization / Group
[Course Objective] The direction of the planning to improve productivity of animal agriculture for sustainable rural development will be realized by the organizations that promote animal agriculture. [Expected Module Outputs] (1)The analyses in the Inception Report are reorganized to consider the direction of the balanced planning for improvement of animal agriculture, with the aspects of rural and agricultural development. (2)Optimum technologies to alleviate problems and improve productivity in animal agriculture are realized. (3)Means to improve rural life standard through appropriate utilization, processing and distribution of agricultural products/by-products are realized. (4)Possibilities to adapt technologies and knowledge obtained in Tokachi Area, Hokkaido for sustainable rural development are realized. (5)Future directions to improve the productivity of animal agriculture for sustainable rural development are presented.	[Target Organization]Administrative organizations, research/educational institutes and non-profitable organizations such as dairy cooperatives related to animal agriculture [Target Group](1)Officers at senior staff level or higher in administrative organizations, research institutes, and no-profitable organizations like dairy cooperative, and lecturers or higher in universities related to livestock promotion (2)More than three years of experience in research and development, and policy making in livestock sector (3)Participants should be in positions which are able to plan livestock promotion policies or make suggestions for them

Contents

[Preliminary Phase in a participant's home country]
Participants formulate and submit an Inception Report which includes basic information of a participating organization and challenges that the participant's country confronting.

[Core Phase in Japan]
Lectures, practicals, field visits and discussions which cover contents below are provided:
(1)Problems that agricultural sector face in the world and trial cases to solve them.
(2)Lectures and practicals for analyzing problems.
(3)Discussions for clarifying the problems.
(4)Livestock management (breeding, reproduction, feeding, etc), stable supply of feed, and hygiene of animals and products.
(5)Quality control, processing and distribution of agricultural products, utilization of manure and prevention of pollution.
(6)Visiting farms, cooperatives, local processing factories, research institutes, etc.
(7)Making and presenting an Interim Report.

[Finalization Phase in a participant's home country]
Participants report in their home country, authorize an Action Plan and submit a Final Report within 7 months after the training in Japan.

Program Period	2012 / 7 / 12 ～ 2012 / 9 / 15
Implementing Partner	Obihiro University of Agriculture and Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2010～2012
Remarks and Website	http://www.obihiro.ac.jp/english/index.html

Improved Operation and Management for Agricultural and Rural Infrastructure
農業農村インフラの運営管理の改善

Group Leaders 1280047 Continuing

16 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This program is designed for administrative systems to draft plans and discuss how to establish systems for proper management of rural infrastructure.

Objective/Output	Target Organization / Group
【Objectives of the Course】 Abilities to plan and implement projects for building proper management of agricultural and rural infrastructure are developed in the officers in charge of agricultural and rural development policy in the central or local government. 【Objective for each unit】 (1) Participants can explain the outline of the Japanese law and systems about agricultural and rural development projects. (2) Participants can explain how to draft plans about agricultural and rural development projects for improvement of the productivity. (3) Participants can explain how to establish a farmer's organization for proper management of the infrastructure for agricultural production. (4) Participants can explain about the problems of management of agricultural and rural infrastructure, and can make an action plan for them.	【Target Organization】 Central / Regional government (Ministry / Agency related to agricultural administration) in charge of infrastructure development related to agricultural and rural development. 【Target Group】 (1) Be Administrative/Technical Officials (if possible holding head/ manager position in section) in charge of formulating law and system to implement infrastructure development related to agricultural and rural development. (2) Have more than 5 years of experiences. (3) Under 55 years old.

Contents		
【Preparation Program】 Making Inception Report. 【Core Phase in Japan】 (1) Understand the Japanese law (e.g. The New Basic Law on Food, Agriculture and Rural Areas and The Land Improvement Act) and system concerning agricultural and rural development. (2) Based on actual example which is development of facilities for irrigation and drainage containing the Japanese farmland irrigation, understand the system and technique concerning plan, execution, operation and management of the project which is carried out to improve the agricultural productivity. (3) Based on the Japanese land improvement district, understand how to establish a farmer's organization and the need for farmer's organization for proper management of existing facilities. (4) Presentations and discussions of results of the training, and the making of a final report and an action plan. 【Post Program】 Making Progress Questionnaire Sheet.	Program Period	2013 / 2/17 ～ 2013 / 4/20
	Implementing Partner	Under Planning
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	

Sustainable Livestock Development Policy
持続的な畜産振興政策

Group 1280076
Solution Continuing

Target Countries :

16 participants

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

To achieve the policy challenges for livestock promotion, through the participants performance by the whole program with pre and post training activities, institutionalization or its improvement can be accomplished and both work of policy planning and field (2 sub course) can be combined to make whole policy worked well.

Objective/Output

<Course Objective>
【Whole period】
Based on mid-term goals and the medium-term plan to address policy issues related to livestock production issued by their second year, the institutionalization or its improvement and these extension can be started.

<Objective for each unit>
Goal 1: Explain the policy issues related to livestock production in his/her country
Goal 2: Explain the major policies and major techniques of livestock production
Goal 3: 【Administration course】explain legislation work
【Technology course】explain the major livestock techniques required to solve the problems in his/her country
Goal 4: Explain the planning and extension work for effective implementation of institutionalization and technical extension
Goal 5: Make an action plan to address policy issues related to animal production in his/her country

Target Organization / Group

<Target Organization>
Government-related organization

<Expected Job Title>
Governmental livestock administrative officer and Governmental livestock technical officer. One of each.

<Expected Job Experience>
More than 3 years career in livestock related work

<Other Qualifications>
After returning home, the participants shall be engaged in similar work before training

Contents

【Preliminary Phase】
Formulation of Inception Report which is covered the current situation and policy issues related to livestock production in his/her agency

【Core Phase in Japan】
This program consists of the following lectures and practices and observation studies.
1)Livestock administrative organization in Japan, livestock policy and livestock industry overview
2)【Administration course】Livestock promotion policy, breeding, forage production, mutual aid and health,
【Technology course】Livestock management and reproduction, metabolic profile test,
3)Introduction to rural development, rural research methods,
4)Gender policy, livestock policy in developing countries
5)PCM method, making and presentation of an action plan

【Final Phase】
To implement the action plan and report on progress in the his/her country

After his/her returning home, discuss and evaluate the progress of the action plan in his/her agency, and feedback the results to it

Program Period	under planning
Implementing Partner	National Livestock Breeding Center (NLBC)
JICA Center	JICA Tohoku
Cooperation Period	2011～2013
Remarks and Website	There are some contents in the program, which are taught in parallel for administrative officers and for technical officers.

Upland Cereal Crops Management for Extension Officers
普及指導員のための畑作物管理

Group 1280112
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This program is designed for agricultural extension organizations to make the extension plan of specific techniques.

Objective/Output	Target Organization / Group
[Course Objective] Extension plan for specific techniques of agricultural extension will be made in the target organizations. [Expected Module Outputs] (1) To be able to explain concretely the causes of the specific problem on agricultural extension, or to survey to identify the causes. (2) To be able to explain the development direction of appropriate techniques. (3) To be able to explain effective way of extension with specific case. (4) Draft of extension plan is made at the end of training in Japan.	[Target Organizations] Agricultural extension organizations to provide cultivation techniques on upland crops (Exclude researcher and administrative officers). [Target Group] (1) Agricultural extension officers on upland crops (mainly wheat, potatoes and beans) or subject matter specialists. (2) over 25 and under 45 years old, and more than 3 year experience in the relevant fields. (3) In good health, both physically and mentally, not be pregnant, as this program includes field exercises.

Contents

[Preliminary Phase in home country]
Prepare the Inception report which includes organization chart and facing issues and problems.

[Core Phase in Japan]
Following lectures, practical exercises, observations and discussions are provided.
- Participatory Rural Appraisal.
- Basic techniques of cultivation and management.
- Transition of agricultural development in Tokachi region.
- Information sharing and exchange of opinions among participants.
- Relation between agricultural research organization and extension activities.
- Role of agricultural cooperative, farmers academy and rural development.

[Finalization Phase in home country]
Reporting in home country, authorize the Action plan and submit the Final report within 6 months after the training in Japan.

Program Period	2012 / 5/21 ～ 2012 / 7/18
Implementing Partner	Obihiro Agricultural Technology Center
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2010～2012
Remarks and Website	http://www.agricenter-obihiro.jp/

Development of Core Agricultural Researchers for Rice Promotion in Sub-Saharan Africa
アフリカ地域 稲作振興のための中核的農学研究者の育成

Group Leaders 1280148 Continuing

10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

In order to achieve self-sufficiency of rice and the development of its stable production in Sub-Saharan Africa, it is inevitable to build the capacity of core research personnel who are expected to develop rice varieties and cultivation technology through their research adapting into various agricultural ecosystems and resistant to biotic and abiotic stresses. It is also important to establish a network among African and the Japanese researchers for the long-term perspective of the capacity development.

Objective/Output

【For what? (Purpose)】
This program aims at sharing knowledge and formulating research plan in the field of rice development which contribute to the rice promotion in Sub-Saharan Africa.

【For whom? (Target)】
This program is offered to African agricultural researchers of universities/agricultural research institutions who are engaged in research work in the field of rice development.

【How?】
Participants shall
(1) have opportunities to share knowledge and practical experience of Japanese rice research.
(2) formulate/improve a respective rice research plan by receiving instructions and suggestions from the Japanese experts on rice research.

Target Organization / Group

【Target Organizations】
Universities, agricultural research institutions, etc.

【Target Group】
(1) presently working at universities/agricultural research institutions and engaged in research
(2) work in the field of rice
(3) university graduates or equivalents and have more than five years of occupational experience in research work
(4) not more than 45 years of age,
(5) proficient in spoken and written English

Contents

【Preliminary Phase in the participant's home country】
(June 3, 2012 to July 2, 2012)
Identify the present conditions and problems of rice cultivation in the home country and clarify your research assignment and its method

【Core Phase in Japan】(July 3, 2012 to August 4, 2012)
(1) Identify the present conditions and problems of rice cultivation in the home country and clarify your research assignment and its method
(2) Acquire logical analysis procedure by using agricultural and scientific knowledge and techniques
(3) Learn experimental techniques and scientific paper writing skills for writing up an action plan
(4) Understand how to collaborate through the network among research institutions and/or researchers

【Finalization Phase in the participant's home country】
(August 5, 2012 - November 4, 2012)
Receive an approval of action plan from the participant's affiliated organization

Program Period	2012 / 7 / 3 ～ 2012 / 8 / 4
Implementing Partner	Nagoya University, International Cooperation Center for Agricultural Education (ICCAE)
JICA Center	JICA Chubu
Cooperation Period	2011～2014
Remarks and Website	

Development Farm Machinery for Small-Scale Farmers
小規模農家用適正農機具開発普及

Group 1280199
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This course is designed for the participants to develop and disseminate Farm Machinery/Equipment using local producing machines/materials/parts to the small scale farmers.

Objective/Output	Target Organization / Group
【Objectives】 Participants shall be obtain the basic knowledge and technique needed for fabricating of Farm Machinery/Equipment 【Expected Results】 Participants are expect: 1. To identified the constraints or problems of the Agricultural Mechanization/Farm Machinery of the participant's country 2. To understand the present situation of the Agricultural Mechanization and Manufacturing style in Japan 3. To fabricate appropriated Farm Machinery/Equipment in the participant's country,and 4. To prepare and make a presentation of a Technical Proposal.	1)Leader or personnel (Farm machinery product developer, Mechanical engineer or Promotion of Agricultural Mechanization officer) 2)University graduates or equivalents 3)have more than five years of occupational experience in the field of Agricultural Mechanization

Contents		
【Preparation Program】 Preparation of a first draft Technical Proposal 【Core Phase in Japan】 1. Fabrication of Farm Machinery/Equipment 2. Agricultural Mechanization in Japan 3. Extension of Farming Technology and Project Cycle Management 4. Monozukuri, the way of Japanese Manufacturing style 5. Preparation and Presentation of Technical Proposal 【Supplementary Phase in Thailand】 1. Agricultural Mechanization in Thailand 2. Draft Animal Power and Profitable Agriculture 【Posterior Phase】 1. Discussion and elaboration of technical proposal	Program Period	2013 / 2 ～ 2013 / 9
	Implementing Partner	Rural Development Institute Ltd.
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	3 weeks supplementary training in Thailand after Core training in Japan

Veterinary Technology for Farm Animals
産業動物の獣医技術

Group 1280213
Trainers Continuing
6 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

The course leader is a former JICA expert contributed to launch the faculty of vet in Zambia, and Hokkaido Vet Medical Association implements this course with government, universities and organizations supporting dairy husbandry of Hokkaido. The course contains practical lecture such as prevention of infectious diseases, reproduction, food sanitation, diagnosis and treatment, practice of AI, observing operations and PCM to make the practical and feasible action plan.

Objective/Output	Target Organization / Group
<Course Objective> Veterinary skills and knowledge of veterinarians mainly for cattle such as diagnosis and treatment, reproduction, preventive health, preventive measures of malignant infectious diseases, safety of dairy products and food sanitation will be improved so that they will be disseminated into participants' countries to solve the problems. <Objective for each unit> 1)To improve clinical techniques for diagnosis and treatment of multiple diseases of farm animals (mainly cattle). 2)To improve control measures against infectious diseases and herd infection 3)To learn about sanitation management such as meat inspection, food sanitation and veterinary public health to supply of safe animal products 4)To learn about veterinary administration in Japan, present situation of educational research and role of veterinarian in animal husbandry 5)To find out the problems accurately and to design concrete and feasible action plans to improve the problems in participants' country	<Target Organization> Government organization working for veterinary for farm animals (mainly cattle), and lecturer in university relative to veterinary medicine <Expected Job Title> A clinical veterinarian who handles farm animals (mainly cattle) and assume a leading role <Expected Job Experience> Five (5) years' experience or longer

Contents		
[Pre-Training]Prepare country report [Training in Japan] 1)digestive diseases, calf diseases and metabolic diseases, Digestive surgery, Anesthesia, abdominal operation, Cattle reproduction management, breeding disorder, House visit to farm animals 2)To identify causative microorganism of mastitis, Milk quality control, Production hygiene, Mastitis prevention measures, Diagnosis and treatment for digestive tract parasite, Q-fever serodiagnosis, Prevention measures for zoonotic parasite, Zoonotic infections, Genetic diseases, Healthcare 3)Meat inspection, Meat grading, Meat hygiene, Veterinary administrative organization in Japan, Veterinary medical association 4) Mutual aid system(insurance), Dairy company, Livestock experimental station, Small animals hospital 5)Project Cycle Management, Preparation and presentation of action plans [Post-Training]Progress report should be submitted in 6 month after the training in Japan.	Program Period	2012 / 8 / 15 ～ 2012 / 11 / 23
	Implementing Partner	Hokkaido Veterinary Medical Association
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2011～2013
	Remarks and Website	

ICT (Information and Communication Technology) for Agricultural Information Use
ICTによる農業情報の活用技術

Group 1280220
Trainers Continuing
9 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :Information and Communication Technology/Information and Communication Technology

Language :English

Appeal

Spreadsheet software and database software utilization were focused in former training program. This is because collection, processing and analyzing the basic agricultural data were inadequate in the developing countries.
In addition to above-mentioned contents, lectures and practices of communication techniques to utilize the processed information are added. ICT (Information and Commutation Technology) which include the "Communication techniques" is the keyword to this renewed training program.

Objective/Output

[Course Objective]
Techniques to utilize agricultural information using ICT are acquired by the participants.

[Expected Module Outputs]
(1) To be able to explain the functions and benefits of applying ICT in agricultural production.
(2) To be able to explain the construction of networking to back up the agricultural information.
(3) To explain how to collect, analyze and transfer the agricultural information.

Target Organization / Group

[Target Organization] Official institutions collecting, processing and providing agricultural information and data

[Expected Job Title] Those who collect the basic agricultural information, process and provide them to agricultural organizations

[Expected Job Experience] Those who has more than three-year experience related to agricultural information and data, and age from twenty-five to forty years old.

[Other Qualifications] Those who has enough basic computer skills and sufficient experience in processing agricultural information.

Contents

[Preliminary Phase in home country]
Prepare the Inception report which includes organization chart and facing issues and problems.

[Core Phase in Japan]
Following lectures, practical exercises, observations and discussions are provided.
・ Overview of the agricultural information system
・ Information security
・ Agricultural statistics
・ Remote sensing
・ Basic of computer networking
・ Basic and construction of LAN
・ set up and break down the server system
・ Data processing using MS Excel
・ Database constructing using MS Access
・ Creating web-sites/homepage
・ MS Power Point techniques

[Finalization Phase in home country]
Reporting in home country, authorize the Action plan and submit the Final report within 6 month.

Program Period	2013 / 1/14 ～ 2013 / 4/20
Implementing Partner	Obihiro University of Agriculture and Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2011～2013
Remarks and Website	http://www.obihiro.ac.jp/index.html

Hygiene and Quality Management for Animal Source Foods
畜産物の衛生管理･品質管理

Group 1280245
Trainers New
7 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This course focuses on food hygiene and quality control in the process of animal source food production: the production process in this course refers to the stage after slaughter/milking. Targeted breeds are cattle, swine and poultry; targeted products are meat, milk and eggs. This course is designed for countries which have necessary infrastructure of animal source food industry.

Objective/Output

[Course Objective]
Quality and safety of animal source foods are improved by appreciating the importance of food hygiene, quality control and risk management in the entire process of animal source food production.

[Expected Module Outputs]
(1)Be able to explain advanced techniques of animal source food production and its quality and hygiene management to relevant technicians by understanding the process of animal source food production in Japan.
(2)Be able to understand hygiene management systems including HACCP in Japan to compare with that of home country and identify problems of hygiene management in home countries.
(3)Be able to plan the improvement of hygiene management systems to address problems and disseminate techniques in the process of animal source food production in home countries.

Target Organization / Group

[Target Organization]
Central/Local administration or private organization dealing with quality control of animal source foods

[Target Group]
(1)Inspector/Supervisor/Extension worker engaged in quality control or food hygiene of animal source foods
(2)More than 3 years of practical experience
(3)Be able to eat and deal with beef & pork (as practice includes making and tasting beef & pork products)

Contents

[Preliminary Phase in a participant's home country]
Participants formulate and submit an Inception Report which includes basic information of a participating organization and challenges that the participant's country confronting.

[Core Phase in Japan]
Lectures, practicals, field visits and discussions which cover contents below are provided:
(1)Animal production science (Beef cattle, Milk cattle, Swine, Poultry, Situation of production & distribution), Food hygiene (Milk products, Meat products), Risk management (Oral infections, Microbiological analysis, Residue analysis, Animal source food safety, Preservation technique)
(2)Food safety (History of food accident, Food safety administration, International standards of food safety, Food Safety Basic Act & Food Safety Commission), Food safety & traceability (Traceability system in Japan, Food safety & HACCP)
(3)Interim report writing

[Finalization Phase in a participant's home country]
Participants report in their home country, authorize an Action Plan and submit a Final Report within 6 months after the training in Japan.

Program Period	2013 / 2 ～ 2013 / 5
Implementing Partner	Obihiro Univ. of Agriculture & Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2012～2014
Remarks and Website	http://www.obihiro.ac.jp/english/index.html

Sustainable Native Cattle Breed Improvement System
在来品種を活用した家畜生産システム

Group 1280714
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

To promote cattle productivity planned breeding program and sustainable extension of artificial insemination(AI) is essential. However levering the lessons of the past is important, this course is organized for making developing countries possible to establish optimum livestock production system including breeding and management utilizing advantage of the native cattle breed adaptable in their cruel environment.

Objective/Output

<Course Objective>
National or local government officials or specialists of educational institutions in dairy and beef production transmit to their organization skill of technical, extension and planning acquired in Japan, thus the action plan is taken into consideration for implementation.

<Objective for each unit>
Goal 1: explain basic cattle feeding and management and its application to native breed
Goal 2: explain the basic cattle reproduction management and its application to the native breed
Goal 3: explain the basic cattle breeding and its application to the native breed
Goal 4: explain the livestock promotion measure based on knowledge and skill acquired in the training and formulate an action plan of livestock production system utilizing the native breed
Goal 5: transfer the skill and knowledge acquired in the training to field engineer in dairy and beef production and implement the well-organized action plan after discussion by their organization

Target Organization / Group

<Target Organization>
administrative organ,technical extension organ and research and educational institute

<Expected Job Title>
Livestock officer of central or local government, extension service or research institute

<Expected Job Experience>
More than 3 years career in livestock related work

<Other Qualifications>
After returning home, the participants shall be engaged in similar work

Contents

【Preliminary Phase】
Formulation of Inception Report which is covered the current issues related to livestock production system in his/her agency

【Core Phase in Japan】
This program consists of the following lectures and practices and observation studies
1)Cattle feeding management, cattle nutrition, metabolic test, health management, hoof management
2)Reproduction theory, reproductive management reproductive disorder, reproduction technologies,
3)Cattle breeding, progeny test, herd improvement test, pedigree registration and cattle judging,
4)Development of breeding and reproduction in Japan, livestock production system in the local area, 5)PCM method, making and presentation of an action plan

【Final Phase】
After his/her returning home, discuss and evaluate the progress of the action plan in his/her agency, and feedback the results to it

Program Period	2012 / 5/16 ～ 2012 / 8/11
Implementing Partner	National Livestock Breeding Center (NLBC)
JICA Center	JICA Tohoku
Cooperation Period	2011～2013
Remarks and Website	http://www.nlbc.go.jp/english/index.html

Rice Cultivation Techniques Development
稲作技術開発

Group 1280771
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This course is designed for the researchers and technical experts working in the field of rice cultivation, and participants can learn fundamental rice cultivation techniques and methods of experiment. The course is very practical, with more than 60% allocated to experiment and practices at the field and facilities in JICA Tsukuba. The course intends to contribute to the growth of rice production and improvement of productivity through the development of rice cultivation techniques which realize high-yielding and adoptable rice production.

Objective/Output

【Objective】
Practical knowledge and methods acquired in Japan are shared in the participant's organization, and the participant will be ready to conduct his/her Action Plan necessary to solve a problem which is related to the development of rice cultivation techniques and for the improvement of traditional techniques.

【Expected Results】
1.Issues on development of rice cultivation techniques in a participant's organization and country are identified.
2.Fundamental rice cultivation techniques and rice research methodology are understood.
3.Individual experiment related to identified issues is conducted, and a technical report is written using the acquired techniques and methods.
4.A draft Action Plan is formulated for solving identified issues on development of rice cultivation techniques.
5.The acquired techniques and methods are shared, and the draft Action Plan is discussed in participant's organization.

Target Organization / Group

【Target Organizations】
Research/educational institutes of governmental and non-governmental organizations engaged in the field of rice cultivation technique development

【Target Group】
1.Researchers or technicians in the field of rice cultivation technique development
2.More than 3 years' experience
3.Graduate of university with a bachelor's degree in agriculture

Contents

【Preparatory Program】
1.Identification of issues on development of rice cultivation techniques and of participant's organizations, preparation of Inception Report

【Program in Japan】
Lectures, experiments, practices, field trips, and discussion regarding the following items are implemented.
2.Acquisition of basic techniques on rice cultivation (Morphology, Physiology and Ecology, Soil Environment and Physiology of Plant Nutrition, Rice Breeding, Weed Control, Diseases and Insect Pests) and basic experiment methods (Statistical Analysis, Referring scientific literature)
3.Implementation of individual experiment, preparation and presentation of technical report
4.Acquisition of various knowledge and methods for solving issues (Extension methods, Project Cycle Management)
5.Preparation of draft Action Plan

【Post Program】
6.Discussion and revision of Action Plan, preparation of Final Report (Within 3 months later)

Program Period	2013/ 2/24 ～ 2013/11/23
Implementing Partner	Overseas Agricultural Development Association
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	

Integrated Pest Management for Plant Protection
植物保護のための総合防除

Group Leaders 1280810 Continuing

Target Countries :

12 participants

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

While our society faces multiple problems such as global warming, accumulation of waste/toxic materials, colonization of foreign pests due to accelerated international trade, and cross resistance to pesticides, some innovations to solve these problems also became available. This course offers an intensive training for IPM for plant protection that not only minimizes pest damages but also conserves ecosystem, and biodiversity / bio-resources.

Objective/Output

<Course Objective>
This course helps qualified and motivated trainees from developing countries acquire principal knowledge and technology for IPM for plant protection such as molecular techniques, bioinformatics, the value of biodiversity and risk management for unexpected outbreaks and permanent loss of bioresources due to global warming, overuse of agrochemicals, etc.

<Objective for each unit>
1. For implementation of IPM, theories, analytical techniques and other instrumentals will be learned. The trainees are expected to design a strategic plan and organize the task-force.
2. Understand plant diseases and IPM for them for field application.
3. Understand arthropod pests and IPM for them for field application.
4. Understand weeds and IPM for them for field application.
5. Understand the mechanism of chemical control and learn analytical techniques for persisting pesticide residue.
6. Understand genetic control over pests, and impact of GMO for field application.
7. Realize the scale and depth of IPM project in organization, facilities, planning etc.

Target Organization / Group

<Target Organization>
Central and local governments and universities

<Expected Job Title>
Experienced research fellows of local government and national administration/research institutes and researchers at universities.

<Expected Job Experience>
Young people with at least a Master's degree.

Contents

Lectures by specialists and visits on companies, research institutes, and facilities related to GMO distribution, mass rearing, sterilization and distribution system, and seed bank as well as experimental farms and plant factory. Small scale lab. experiments will be conducted on the mechanism of infection by plant pathogens, the methods of control, identification of the pathogens etc. Small scale lab. experiments will be conducted on the methodology for assessing population dynamics, life cycle forecasting, mass rearing, molecular taxonomy, entomopathogens, cell culture, histology etc. Lectures on the weed management, chemical and ecological control for them. Small laboratory and green house experiments will be conducted. Discussions on chemical control, methodology of agrochemical residues analyses, and bioremediation. ELISA measurement for residue detection from the water samples will be conducted in the laboratory. Small lab.experiments will be conducted on the cultural control employing conventional resistant varieties, the impacts of GMO and genome analyses.

Visits on institutes and facilities with advanced technology, successful records, practicality and novelty etc.

Program Period	2012 / 6/ 4 ～ 2012 / 9/1
Implementing Partner	Graduate School of Agricultural Science,Kobe University
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	

Thermal Treatment for Disinfestation of Fruit Flies
ミバエ類温度処理殺虫技術

Group 1280824
Trainers Continuing
6 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

Japan has leading knowledge and skills on disinfestation of fruit flies through experiences on establishment of vapor heat treatment, eradication of fruit flies, and implementation of measures against re-invasion. This program contains lectures on basic knowledge and practice of disinfestation skills. These make them possible to participate in international trade after returning to each country.

Objective/Output	Target Organization / Group
【Objective】Plant quarantine technicians in countries infested with fruit flies acquire quarantine treatment techniques suited to their conditions. 【Output】 (1) Participants can explain how to rear fruit flies in laboratories and how to make infested fruits for the disinfestation test. (2) Participants can explain the procedures of a series of thermal disinfestation test and the methods of experimental data analysis, after actually conducting these trials in the heat treatment and the cold treatment. (3) Participants can explain the procedures of a series of fruit heat or chilling injury test and the methods of experimental data analysis, after actually conducting these trials. (4) Participants can explain the fruit fly eradication program and the control of fruit flies, Japanese distribution system for imported agricultural commodities and the plant quarantine system in the participant's countries and Japan. (5) Participants make a feasible action plan	<Target Organizations> Plant quarantine organization <Target Group> (1)be engineers of plant quarantine treatment, inspectors and officials of plant protection sectors (2)have experience in the plant quarantine works and have sufficient knowledge about fundamental entomology such as fruit flies (3)have a good command of English enough to make an oral presentation and write a report

Contents

<Preliminary Phase in a participant's home country >
Formulation of Job Report

<Core Phase >(activities in Japan)
(1)Morphology and Taxonomy of fruit flies, Genetic analysis, Rearing of fruit flies, Preparation of the Infested fruit
(2)Disinfestation methods on plant quarantine, Techniques of disinfestation test in heat and cold treatment
(3)Techniques of fruit injury test(heat and colt treatment), Method of data analysis in fruit injury test
(4)Plant Quarantine system in Japan, Plant protection
(5)SWOT analysis(a method of issue analysis), Formulation of an action plan, Presentation of action plan

<Finalization Phase >(activities in home country)
Submission of the progress report of action plan to JICA.

Program Period	2012 / 5/ 9 ～ 2012 / 9/1
Implementing Partner	NAHA PLANT PROTECTION STATION,MINISTRY OF AGRICULTURE FORESTRY & FISHERIES
JICA Center	JICA Okinawa
Cooperation Period	2011～2013
Remarks and Website	Participants: be related with JICA programs in this field will be preferable.

Poultry Production, Management and Disease Prevention Technology
鶏飼養管理･生産技術及び鶏病対策

Group 1280826
Trainers Continuing
12 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

The training covers wide area from production to processing including avian influenza that became serious in the world and is organized with cooperation of industry, academic and public sector based on Japanese experience developed very rapidly, is most proper to develop human resources to promote livestock industry in developing countries.

Objective/Output	Target Organization / Group
<Course Objective> National or local government officials or specialists of educational institutions in poultry production transmit to their organization. Skill of technical, extension and planning, thus the action plan is taken into consideration for implementation. <Objective for each unit> Goal 1: explain poultry feeding and management adapted to local conditions and its performance. Goal 2: explain poultry reproduction and breeding adapted to local conditions and its performance. Goal 3: explain poultry nutrition and feeding adapted to local conditions and its performance. Goal 4: explain poultry health management adapted to local conditions and basic measure of avian influenza control in particular Goal 5: formulate an action plan to promote poultry production adapted to local conditions Goal 6: transfer the skill and knowledge acquired in the training to field engineer in poultry production and implement the well-organized action plan after discussion by their organization	<Target Organization> administrative organ, technical extension organ and research and educational institute <Expected Job Title> Livestock officer of central or local government, extension service or research institute <Expected Job Experience> More than 3 years career in livestock related work <Other Qualifications> After returning home, the participants shall be engaged in similar work before training

Contents		
【Preliminary Phase】 Formulation of Inception Report which is covered the current issues related to poultry production techniques in his/her agency 【Core Phase in Japan】 This program consists of the following lectures and practices and observation studies 1)Poultry feeding and management to improve growth, egg laying and productivity, etc. 2)Reproductive physiology, semen processing, artificial insemination, Introduction to nutrition, 3)Disease control, major disease diagnosis including AI 4)Basic knowledge of rural development, local poultry brand and rural activation 5)PCM method, making and presentation of an action plan and discussions 【Final Phase】 After his/her returning home, discuss and evaluate the progress of the action plan in his/her agency, and feedback the results to it	Program Period	under planning
	Implementing Partner	National Livestock Breeding Center (NLBC)
	JICA Center	JICA Tohoku
	Cooperation Period	2011～2013
	Remarks and Website	

Soil Diagnosis Technology for Sustainable Agricultural Production and Environmental Conservation
持続的農業生産と環境保全のための土壌診断技術

Group 1280850
Trainers Updated
8 participants

Target Countries : All Countries

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

The capacity of soil diagnosis will be developed through practice of field survey and basic soil analysis from physical,chemical and biological aspects. Furthermore, in order to contribute to sustainable agricultural production, the knowledge and skills about compost utilization and its characteristic analysis necessary for dissemination of high quality compost in each country will be acquired.

Objective/Output	Target Organization / Group
【Objective】 Soil diagnosis(physical,chemical and biological)techniques and its usage are shared with researchers and engineers in the target organizations. 【Objective for each unit】 (1)to be able to explain the relationship between agriculture and weather,terrain and soil condition. (2)to be able to explain the concepts and methods of soil diagnosis to achieve the stable and value added agricultural production. (3)to be able to explain the concepts and methods of proper management and dissemination toward sustainable agriculture. (4)activity plan (interim report) concerning dissemination of techniques is worked out.	【Target Organization】 Agriculture related organizations which is implementing/will implement soil analysis and diagnosis 【Target group】 should be agricultural instructor applying soil diagnosis techniques. should have more than 3 year practical experience in soil analysis and technical guidance of cultivation for farmers.Age:27-50 years old

Contents

【Preliminary Phase】
Formulation and submission of inception report.

【Core Phase】
Lectures,practices and observations for each unit are as follows.
(1) Agriculture and soil in the world,Discussion on each country's agriculture Characteristic and problem of tropical soil,Observation at soil museum
(2) Introduction to soil diagnosis,Soil analysis (Physical properties,Chemical properties),Utilization of soil diagnosis(soil profile survey,soil sampling,utilization of global positioning system),Soil improvement techniques
(3) Water quality and soil heavy metal analysis,Integration of farming and stockbreeding(Recycling of agricultural waste through composting,observation of dairy farm)
(4) Project cycle management,Discussion on interim report,Guidance and discussion on interim report formulation,Presentation of interim report

【Finalization Phase】
Implementation of action plan and submission of final report.

Program Period	2012 / 5/ 7 ～ 2012 / 7 /27
Implementing Partner	Obihiro University of Agriculture and Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2012～2014
Remarks and Website	http://www.obihiro.ac.jp/index.html

Research on Veterinary Technology
獣医技術研究

Group 1280866
Trainers Updated
6 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

The sustainable development of food supply and economic growth of the developing countries depend on stable livestock industries. Several animal diseases and zoonotic diseases exist in some developing countries and these diseases are serious problems to animal rising. This course aims at improvement of the veterinarians who work for domestic animal hygiene in order to contribute directly to solve these problems.

Objective/Output	Target Organization / Group
【Objective】 Veterinarians who have knowledge and skill for control of the domestic animal diseases, zoonosis of domestic animal hygiene and food security are trained, and after their returning, concrete approach will be implemented to solve challenges of their belonging organization. 【Objective for each unit】 [Preparatory Program] 1) The current situation and the problem of the domestic animal hygiene are clarified as an inception report. [Main training in Japan] 2) To learn advanced technique to diagnose and control animal health. 3) To learn comprehensive knowledge of animal health research. 4) To learn data analysis and writing research papers. [Post program] 5) To practice acquired technique and knowledge in participants' respective countries.	[Target Organizations] * National Institute and universities of veterinary research, Institutes for animal diseases diagnostics. [Target Group] * Administrative veterinarian (National/Local) which is engaged in research diagnostic task. * At least five years' experience. * Communication ability in English or Japanese (conversation, reading and writing)required.

Contents		
[Preparatory Program] Analysis of own country's situation and preparation draft action plan through making inception report. [Main training in Japan] 1. Group training (about one month) -Lecture (Basic knowledge about animal health research) 2. Individual training & research (about 5 months) -Technologies to diagnose and prevent animal disease -Data analysis and reporting of research papers 3. Problem solving and Transfer of acquired skills 4. Action Plan presentation with related people in Japan. [Post Program] Making revised action plan based on comments from their belonging institute and submission as Final Report.	Program Period	2013 / 3 / 27 ～ 2013 / 10 / 30
	Implementing Partner	National Institute of Animal Health (NIAH)
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2012～2014
	Remarks and Website	As implementing laboratory might be changed each year, applicants are kindly requested to refer to GI carefully.

Appropriate Management of Land and Water Resources for Sustainable Agriculture in Arid/Semi-arid Regions
乾燥地における持続的農業のための土地･水資源の適正管理

Group 1280890
Trainers Updated
12 participants

Target Countries : African and Arabic countries with less than 0.5 Aridity Index

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

Participants for this training course are engineers and researchers working in the appropriate management of land and water resources for sustainable agriculture in central /local government. It is aimed that participants will gain necessary knowledge and technology, and then going back to their countries, they will disseminate what they gained in Japan among their own organizations or target areas.

Objective/Output

【Objective】
The engineers or researchers working in the appropriate management of land and water resources for sustainable agriculture in central/local government, will gain necessary knowledge and technology, and then will disseminate them in their own countries.

【Objective for each unit】
・Participants can explain knowledge and technologies required for monitoring and analysis of land and water resources.
・Participants can explain knowledge and technologies required for appropriate water intake, storage of water, water conveyance and water sharing.
・Participants can explain knowledge and technologies required for effective utilization of water resources such as planned water use and deliberated hydrologic management in agricultural field.
・Participants can explain knowledge and technologies required for effective utilization of land resources such as planned agricultural field use and deliberated agricultural field management.
・Participants can explain knowledge and technologies required for practice and planning healthy development of agriculture and rural village.

Target Organization / Group

【Target Organization】
・Organizations or research institute with sections of land and water resources management in central and local governments

【Target Group】
・Engineers and researchers who will be key person in the division of the land and water resources management in the central or local government, and institute.
・More than 3 years business experience in the concerned division
・Less than 40 years old

Contents

【Preliminary Phase】
Formulation and Submission of Country Report

【Training in Japan】
Through the following lectures, exercises, and observations, participants will acquire comprehensive knowledge and skills.
(1)Land and Water Management Acts in Japan (2)Water Resource Management (3)River System Management (4)Management of Irrigation and Drainage Facilities (5)Field Water Management (6)Management of Soil Physical Properties (7)Crop, Soil and Fertilization Management (8)Rural Management (9)Energy Management (10)EIA (11)Management of Geographic Information

【Third Country Phase in Egypt】
Participants will apply and practice the knowledge and skills acquired in Japan.

【Finalization phase in home country】
Participants will disseminate what have acquired in Japan and Egypt to their respective organizations and submit a progress report to JICA.

Program Period	2012 / 8/15 ～ 2012 /11/24
Implementing Partner	Tottori University
JICA Center	JICA Chugoku
Cooperation Period	2012～2014
Remarks and Website	

Agricultural Infrastructure Improvement in Upland Crop Farming Areas for Rural Development
農村開発のための畑地帯における農業基盤整備

Group 1280903
Trainers Updated
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This course is designed for leading engineers with experience in survey, planning, design, and construction management for agricultural infrastructure improvement. The course aims to equip training participants with knowledge and skill of proper construction planning and design, and technology selection. Upland crop farming areas are mainly covered in this course.

Objective/Output

[Course Objective]
Expertise on construction plans and execution management is shared with engineers in organizations implementing agricultural infrastructure improvement projects, and the consideration of the actual construction project is initiated.

[Expected Module Outputs]
(1)Be able to identify challenges in their own countries with regard to the legal system, processes up to the drafting of plans, project implementation systems, environmental considerations, etc.
(2)Be able to make judgments about the appropriateness of infrastructure improvement projects in terms of technical levels, economic efficiency, and environmental and social considerations.
(3)Be able to explain typical construction methods in agricultural infrastructure improvement projects as well as highly versatile expertise and techniques.
(4)Be able to explain expertise and techniques with regard to execution management and safety measures.

Target Organization / Group

[Target Organization]
Organizations related to agricultural infrastructure improvement

[Target Group]
(1)Leading engineer with experience in survey, planning, design, and construction management for agricultural infrastructure improvement in upland crop farming (i.e., irrigation, drainage, land improvement, disaster prevention)
(2)More than 3 years of practical experience
(3)Under 50 years of age

Contents

[Preliminary Phase in a participant's home country]
Participants formulate and submit an Inception Report which includes basic information of a participating organization and challenges that the participant's country confronting.
[Core Phase in Japan]
Lectures, practicals, field visits and discussions which cover contents below are provided:
(1)PCM, Agriculture in Tokachi, Food Situation & Legal System, Agricultural Cooperative, Agricultural Hydrology, Land Improvement District, Agricultural Infrastructure & Rural improvement, Interim Report Writing
(2)Road Improvement, Farm Mng Plan & Project Effect, Agri Land Disaster Prevention, River Improvement & Mng, Upland Field Irrigation Facility, National Agri Land Reclamation & Readjustment, Dam, Artificial Satellite for Agri, Project Implementation & Environmental Measures
(4)Soil, Protection Forest & Erosion Control, Farmland Reclamation, Farm Road Improvement, Drainage Channels & Under drainage, Irrigation & Drainage, Field irrigation, Head Work, Irrigation Pipelines, Engineering Materials
(5)Concrete, Process Description Method, Construction Planning & Safety Measures, Progress & Quality Control
[Finalization Phase in a participant's home country]
Participants report in their home country, authorize an Action Plan and submit a Final Report within 6 months after the training in Japan.

Program Period	2012 / 5/14 ～ 2012 / 8/3
Implementing Partner	Obihiro Development and Construction Department, SCET 100(NPO)
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2012～2014
Remarks and Website	http://www.ob.hkd.mlit.go.jp/

Advanced Research Course on International Animal Health
国際獣疫対策上級専門家育成

Group Leaders 1280920 Continuing

5 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :Health/Other infectious diseases

Language :English

Appeal

This program aims to improve quality of the disease preventive, diagnostic and therapeutic techniques of experts who deal with control of globally important infectious diseases in developing countries.

Objective/Output	Target Organization / Group
[Course Objective] To improve the disease preventive, diagnostic and therapeutic techniques, and relating practical knowledge of experts who deal with control of globally important zoonosis. [Expected Module Outputs] (1)To be able to explain an outline of globally important infectious diseases concerning their pathogen, pathology, prevention, diagnosis, therapy and epidemiology. (2)To be able to perform internationally standard diagnostic techniques for globally important infectious diseases. (3)To be able to apply the disease preventive, diagnostic and therapeutic techniques for particularly important infectious diseases in the participant's country. (4)To be able to explain an outline of the disease control measures, concerning international cooperation and community-based practice. (5)To be able to explain the outcomes from research/investigation in Output (3), concerning international cooperation and community-based practice in Output (4).	[Target Organization] University, college, administrative agency, national institute in the field of zoonosis [Target Group] (1)Holder of a BS or MSc in Biology, Zoology or of a related field, or a graduate of Veterinary Medicine or Medical Science (2)Currently employed as a lecturer of an university/college, a researcher of a national/public institute, and/or a technician of an administrative agency (3)Engaged in educational/research work on infectious diseases, and/or planning/ implementation of infectious disease control measures for more than 3 years

Contents

[Preliminary Phase in a participant's home country]
Participants formulate and submit an Inception Report which includes the introduction of work, problems, and expected solutions.

[Core Phase in Japan]
(1)Lectures on globally important zoonosis
(2)Case studies on globally important zoonosis
(3)Lectures on the diagnostic techniques for globally important zoonosis
(4)Laboratory practice on the international standard diagnostic techniques for globally important zoonosis
(5)Laboratory-based study/investigation on the disease preventive, diagnostic and therapeutic techniques; Analysis and reporting the outcomes (midterm-report)
(6)Lectures on the disease control measures
(7) Case studies on the disease control measures
(8)Observation to domestic facilities/institutions for the disease control measures
(9)Final reporting (oral examination)
(10)Final comprehensive test (written examination)

Program Period	2012/10/22 ～ 2013/ 8/24
Implementing Partner	Obihiro Univ. of Agriculture & Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2010～2012
Remarks and Website	Diploma will be presented to the participants who successfully complete the training program. http://www.obihiro.ac.jp/english/index.html

Irrigation and Drainage through Integrated Water Management
流域水管理に基づくかんがい排水

Group 1280923
Trainers Continuing
10 participants

Target Countries :

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This training course is designed to capacitate irrigation and drainage engineers who are engaged in watershed management. Their fundamental engineering knowledge is vital for any scheme concerned. On the other hand, environment, sustainability and participation have become key issues in any development. As a result, these factors must be well harmonized to execute expected projects nowadays.

Objective/Output

【Objective】
Extension seminars about knowledge and technology of irrigation and drainage are held by participants in their belonging organizations.

【Outputs】
(1) Issues on irrigation and drainage in participants' countries are explained.
(2) Examples of agricultural development by irrigation and drainage are comprehended and explained.
(3) Basic theory necessary for irrigation and drainage is comprehended and explained.
(4) Knowledge and technology about investigation/designing/maintenance of irrigation and drainage are comprehended and explained.
(5) Knowledge and technology of irrigation and drainage through the training program in Japan are extended in participants' belonging organizations.

Target Organization / Group

【Target Organization】 Central/Local government or equivalent affiliated organization responsible for irrigation and drainage projects

【Target Group】
(1) Irrigation and drainage engineers who belong to Central/Local government or equivalent affiliated organization
(2) Engineers who have more than 3 years' experience in the field of irrigation and drainage
(3) Engineers who promise to hold the seminars for extension within 2 months after returning to home country and to submit the report.

Contents

(1) Participants compile inception reports on issues in responsible areas of participants' belonging organizations through the advanced program.

(2) Lecture/Exercise/Observation about agricultural development in Japan are conducted. Participants conduct the poster session of agricultural development by irrigation and drainage in each country.

(3) Lecture/Exercise on basic theory of irrigation and drainage are conducted. Examination for the basic theory is conducted.

(4) Lecture/Exercise/Observation about investigation/designing/maintenance of irrigation and drainage are conducted. Examination for these knowledge and technology is conducted, and certain scores are gained by participants.

(5) Participants hold Extension seminars about knowledge and technology of irrigation and drainage in participants' belonging organizations. Participants also submit reports of extension seminars.

Program Period	2013 / 3 / 17 ～ 2013 / 9 / 28
Implementing Partner	Agricultural Development Consultants Association (ADCA)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2010～2012
Remarks and Website	

Extension Methodologies of Organic Agricultural Techniques for Small Scale Farmers for Central America and Caribbean Countries
中米カリブ地域 小規模農民支援有機農業技術普及手法

Region-Focused Solution | 1284011 Updated

10 participants

Target Countries : Central America and Caribbean Countries

Sector : Agricultural/Rural Development/Agricultural Development

Sub-Sector : Agricultural/Rural Development/Rural Development

Language : Spanish

Appeal

In the Central America and Caribbean countries agricultural productivity is low in general, even middle-income countries, higher incomes for the rural population, has not become a way of life improvement. For this situation, by increasing the value-added organic produce to settle is expected to increase farmers' income. The spread of organic farming in harmony with the environment is conductive to environmental protection, soil conservation and rural area.

This program is suitable for organic farming technology diffusion as low-input farming in the area of recycling that utilize local resources, aims to development human resource capacity of farming spread and enhance problem-solving skills.

Objective/Output

【Objective】
Extension plans for small scale farmers, considering to local resources, are composed by organizations which are engaged in farming extension plans.

【Objective for each unit】
1)Problems of organic farming spread in participants' own countries can be extracted and be explained by inception reports.
2)Advanced examples concerning the spread of organic farming technology can be grasped and be explained compared with participants' own countries.
3)General knowledge and the specific technology in the field of organic farming of domestic situation can be explained.
4)To be acquire of extension methodologies of organic agriculture.
5)To be designed for draft extension plans (Action plan) serve as guidelines for after returning activities.
6)Final extension plans concerning organic farming technology are composed, announced and become common.

Target Organization / Group

【Target Organizations】
Administrative agency, Research institute, Training facility and NGO, which assume roles to extend agricultural technology.

【Target Group】
1)Officers, engineers or extension adviser who are engaged in the agricultural technology.
2)Personnel with work experiences in the extension of organic agricultural techniques for at least 3 years.
3)Be able to submit the final report in 3 months after their return.

Contents

【Preparatory Phase】
1)Through prior activity, inception reports which analyze problems in participants' organizations and targeted areas are composed.
2)Through the local program in Costa Rica, advanced examples in the region that small scale farmers groups implement organic farming are learned. And also, current situation in participants' targeted areas are analyzed and program reports are composed.

【Core Phase in Japan】
3)General lecture of organic agriculture of to use the content, Practice of biogas, Agriculture of environmental conservation type, no-tilling farming, how to make "bokashi" etc.
4)Observation tour of case study of local production for local consumption, Visit to organic farmer, extension center and markets.
5)Draft extension plans (Action plan) in the sustained organic farming technology are composed and announced.

【Finalization Phase】
6)Draft extension plans (Action plan) in the sustained organic farming technology are examined in the departments of participants, and final plans are composed.

Program Period	2012 / 6/24 ～ 2012 / 9/14
Implementing Partner	Rural Development Institute Ltd.(RDI)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2012～2014
Remarks and Website	・Overseas training in Costa Rica before their coming to Japan. ・Be able to submit the final report in 3 months after their return.

Upland Rice Cultivation and Variety Selection Techniques for Africa
アフリカ地域「陸稲栽培及び品種選定技術」

Region-Focused Trainers | 1284019 Updated

12 participants

Target Countries : African Countries

Sector : Agricultural/Rural Development/Agricultural Development

Sub-Sector : Agricultural/Rural Development/Agricultural Development

Language : English

Appeal

This course is implemented based on "Coalition for African Rice Development" (CARD) initiative. This program aims at the transfer of fundamental cultivation skill and selection techniques of upland rice variety to the participants so as to enable them to draw out a job improvement plan and action plan that can develop extension system to farmers by implementing knowledge and techniques they acquire in Japan. As we put priority on extension of their achievement after they return, participants are obliged to report what they have done in their countries to JICA and we will send them feedback to make their plans improved afterwards. Ibaraki prefecture, in which JICA Tsukuba is located, has the largest yield of upland rice in Japan, and it is easy for participants to acquire modern knowledge and techniques from prefectural experimental stations, laboratories, and even ordinary upland rice farmers during the training program. Moreover, participants can have experiments according to their needs at training fields and facilities of JICA Tsukuba.

Objective/Output

【Objective】
The strengthened research ability on cultivation techniques including NERICA, investigation techniques on characteristics, and techniques on variety selection of upland rice, will be shared among organizations working in the field of upland rice cultivation, variety selection, and dissemination.

【Objective for each unit】
1. To identify and analyze current situation and issues/constraints in upland rice cultivation, techniques on variety selection, and both extension system and methods in participant's organization.
2. To acquire fundamental skills for cultivation of upland rice.
3. To acquire fundamental skills for variety selection of upland rice.
4. To acquire fundamental skills for post-harvest treatment for upland rice.
5. To acquire fundamental knowledge and methods for dissemination of techniques.
6. To acquire relevant knowledge to formulate Action Plan to solve the identified and analyzed issues / constraints.
7. To formulate Action Plan for disseminating cultivation and variety selection of upland rice.
8. Action Plan is discussed and examined within the participant's organization after they return.

Target Organization / Group

【Target Organization】
Agricultural research institute/University/NGO engaged in the field of cultivation , variety selection, and extension of upland rice

【Target Group】
1. Researchers, officers, or staffs who belong to the above mentioned organizations
2. More than 2 years job experience in rice cultivation

Contents

【Preparatory Program】
1. Formulation and submission of Inception Report

【Program in Japan】
2. Management of nursery, physiology and biology of upland rice, soil and fertilizer, weed control, disease management
3. Technologies for seed production, variety selection, rice breeding, seed selection and production of foundation stock
4. Drying technique, thrashing and rice polishing, rice quality and preservation, simplified farming implements
5. Promotion of agricultural improvement, organization of farmers, farm field management, resources for extension, methods to make teaching materials
6. PCM methods, investigation method for agricultural community, farming program
7. Formulating Action Plan and presentation

【Post Program】
8. Modifying Action Plan and submitting Final Report (=modified Action Plan) to JICA

Program Period	2013 / 3/17 ～ 2013 / 11 / 2
Implementing Partner	Under Planning
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2012～2014
Remarks and Website	

Sustainable Agriculture by Utilizing unused Organic Substance Resources for Central Asian Countries
中央アジア地域 未利用有機物資源を活用した持続型農業

Region-Focused | 1284033
Leaders | Continuing
9 participants

Target Countries : Russian speaking countries

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :Russian

Appeal

Considering the situation that due to the high price many small-scaled farmers cannot afford to purchase fertilizers in the Central Asian countries, this program is designed for senior officers to acquire necessary knowledge and skills for utilizing unused organic substance resources instead of chemical fertilizers/agrichemicals.

Objective/Output	Target Organization / Group
<Objective> To make an Action Plan to disseminate sustainable agriculture technology in the participants' respective countries <Expected Module Output> 1) To understand the roles of the central and local governments and farmer's associations to support farmers' activities 2) To learn sustainable agriculture technology utilizing conventional resources 3) To prepare an "Action Plan" utilizing knowledge and skills acquired from the training program	<Target Organization> Central/Local governments in charge of agricultural development and extension, Agricultural organizations <Expected Qualification> 1) Senior officer of central/local governments in charge of agricultural development/extension, Senior member of agricultural organizations 2) More than five (5) years' experience in the relevant field 3) Competent language skill in Russian (spoken and written)

Contents

【Preliminary Phase】Preparation of the report

【Phase in Japan】
1) Lecture: Overview of agriculture in Japan and Hokkaido, Agriculture technology using eco-system, Sustainable/Organic agriculture, Integrated Pest Management (IPM), Soil diagnostics, Improvement of soil productivity, dissemination of agriculture technology, Clean agriculture, distribution of agricultural products, etc.
2) Site-visit: Agricultural fields, Farmers, Agricultural cooperatives, Agricultural extension workers, Research institutions of agriculture, etc.
3) Practical: Composting
4) Preparation and presentation of an Action Plan

【Finalization Phase in participant's home country】
Progress report of the "Action Plan" (within three (3) months after the completion of the program in Japan)

Program Period	2012 / 6/24 ～ 2012 / 7/24
Implementing Partner	Under Planning
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	

Strengthening Role and Function of Farmers' Organization in Central Asian Countries
中央アジア地域 農民組織強化

Region-Focused Solution | 1284046 Updated

10 participants

Target Countries : Central Asia and Caucasus

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :Russian

Appeal

This program is designed for senior officers in charge of agricultural development to improve and strengthen the roles and the functions of farmers' organization in the Central Asian countries.

Objective/Output	Target Organization / Group
【Objective】 Participant's organizations officially discuss and formulate a plan to improve/strengthen roles and functions of farmers' organization in respective country based on the Action Plan proposed by each participant. 【Expected Module Output】 1. Analyze current situation and challenges of farmers' organization in the participant's country 2. Understand roles of the central and local governments to support farmers' activities 3. Understand roles and functions of farmers' organizations in Japan 4. Propose a draft improvement plan to strengthen roles/functions of farmers' organization as an "Action Plan"	<Target Organization> Central/local governments, Public farmer's organization <Expected Qualification> 1. Senior administrative officers of the central/local governments in charge of administrating farmer's organization and/or Public farmer's organization 2. More than 3 years' experience in the relevant field

Contents		
【Preliminary Phase】Formulation and submission of working sheet 【Phase in Japan】 ・Problem analysis workshop (country-by-country discussion) for analyzing and discussing the working sheet prepared by the trainees ・Lectures and site-visits Agricultural policy in Japan and Hokkaido, Roles of central/local governments and agricultural cooperatives, Development and extension of new agricultural technologies, Management of agricultural land, Agricultural cooperatives, Compensation for agricultural disaster, Agricultural finance, Cooperative purchase/procurement, Management of irrigation facilities, Distribution of agricultural materials/equipment & products, Development & extension of new agricultural technologies ・Discussion and consultation for preparing an "Action Plan" and Presentation 【Finalization Phase in participant's home country】 Progress report of the Action plan (within six (6) months after the completion of the program in Japan)	Program Period	2012 / 5/ 6 ～ 2012 / 6/6
	Implementing Partner	Hokkaido Agriculture Corporation
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2012～2014
	Remarks and Website	

Advancement of Water Users' Associations (WUA) for Central Asia and Caucasus Countries
中央アジア･コーカサス地域水利組合振興

Region-Focused Trainers | 1284049 Continuing | 6 participants

Target Countries : Central Asia and Caucasus Countries

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :Russian

Appeal

This program is mainly organized for Heads or Secretary Generals of Water Users' Associations (WUA), working in water management and facility management and guidance to beneficiary farmers, to have them efficiently and effectively distribute agricultural water to farmers' fields through the promotion of WUA activities and advancement of WUA function, and coordination with governmental organizations concerned with management of main canals.

Objective/Output	Target Organization / Group
【Objective】 The know-how for the advancement of Water Users' Associations (WUA) is shared among related people. In addition, Action Plan for the advancement of participant's responsible WUA is approved by participant's organization. 【Expected Results】 1.To be able to make a coordination with related governmental organizations regarding water management. 2.To be able to present appropriate methods for the target area to implement the participatory water management with the initiative by beneficiary farmers. 3.To be able to select appropriate methods for the target area for the efficient water management and the maintenance and renewal of the facility. 4.Draft Action Plan is formulated to comprehensively put the 1.～3. in practice. 5.Final Report is submitted compiling the result of activities in the Finalization Phase.	【Target Organization】 1.WUA or Federations/Unions of WUA, managing beneficiary area and farmers, 2.Departments of local government, responsible for the coordination with and support for WUA. 【Target Group】 1. Heads or Secretary Generals of WUA or Local government officials, responsible for WUA. 2. More than 10 years' experience in the field. 3. University graduates or has the equivalent academic background.

Contents		
【Preparatory Phase】 Preparation of Inception Report (Outline of the region/organization/duty and analysis of the problems and issues) 【Core Phase in Japan】 Lectures, practices, and observation trip regarding the following items are planned. 1.Policy and system of water use and water management 2.Farmer's organization, Management of WUA 3.Water management/irrigation, Maintenance of water management facility 4.Preparation of Action Plan, PCM method, JICA's cooperation in Central Asia and Caucasus 【Finalization Phase】 Reporting in the organization, Approval of the Action Plan by the organization, Submission of Final Report within 6 months after the completion of the Core Phase in Japan.	Program Period	2012 / 7 / 22 ～ 2012 / 9 / 15
	Implementing Partner	Agricultural Development Consultants Association (ADCA)
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	Language to be used in this course：Russian http://www.adca.or.jp/page/e/index.html

Lowland Rice Cultivation Techniques for Small Scale and Extension for Africa
アフリカ地域 小規模水稲･普及

Region-Focused Trainers | 1284052 Continuing | 11 participants

Target Countries : African Countries

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

The course is implemented based on the CARD initiative. This program aims at transfer of fundamental rice cultivation techniques focused on lowland rice (including water management and post-harvest technologies) as well as extension methods to extension workers to enable them to draw up extension plans based on the needs of targeted rural areas. For their activities after return to home country, low-cost technologies and its manual would be introduced in the program.

Objective/Output

【Course Objective】
To formulate an improvement plan for extension of rice cultivation techniques (Action Plan) based on the local needs and to have it shared and authorized by the participant's organization.

【Objective for each unit】
(1)Identified and prioritized issues/constraints in extension of rice cultivation techniques
(2)Imparted knowledge on fundamental rice cultivation techniques
(3)Imparted knowledge on agricultural extension methodology
(4)Improved ability to implement extension plan
(5)Formulated Draft Action Plan addressing key issues/constraints in the extension of rice cultivation techniques
(6)Action Plan discussed in the participant's organization

Target Organization / Group

【Target Organization】Governmental or non-governmental organizations (NGOs), agricultural extension centers, cooperatives and educational institutions engaged in the field of extension of rice cultivation techniques
【Expected Job Title】Be engaged in the field of extension of rice cultivation techniques
【Expected Job Experience】Should have at least 2 years' experience in the field of extension of rice cultivation
【Other Qualifications】Be working in a governmental or non-governmental organization (NGO), agricultural extension center, cooperative or educational institution

Contents

【Preparatory Phase】
Preparation of Inception Report

【Core Phase in Japan】
(1)Fundamental rice cultivation techniques,
Small scale rice cultivation techniques focused on lowland rice, Physiology and ecology of rice, Soil and fertilizer, Crop protection, Irrigation and water management, Post harvest technology, etc.
(2)Agricultural extension methodology
Agricultural improvement and extension system in Japan, Planning of extension activities, Formation of farmer groups, etc.
(3)Ability to implement extension plan
Project Cycle Management(PCM), Monitoring and evaluation, Rural community survey, etc.
(4)Formulating action plan and presentation

【Finalization Phase】
(1)Discussion of the Action Plan in the participant's organization.
(2)Modification of the Action Plan and writing the Final Report.
(3)Submission of the Final Report to JICA Tsukuba.

Program Period	2013/ 3/17 ～ 2013/10/12
Implementing Partner	Overseas Agricultural Development Association
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	

Horticultural Crop Cultivation and Extension for Africa
アフリカ地域 園芸作物栽培･普及

Region-Focused Trainers | 1284054 Continuing | 8 participants

Target Countries : African Countries

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

In this course, participants can learn horticultural crop (vegetable) cultivation techniques, marketing and distribution approaches, and their efficient extension methods, which will contribute to the increase of income and life improvement for small-scale farmers.
Since JICA Tsukuba has an expertise in implementing agricultural training courses over 30 years and has its own training field and facilities, participants can have experiments according to their individual needs and issues here, and lean practical techniques for vegetable cultivation.
The course has a program in Kenya which will also give participants opportunities to learn practical approaches for the increase of income and life improvement, by observing reference cases conducted by "Smallholder Horticulture Empowerment & Promotion (SHEP UP)" Project.

Objective/Output

【Objective】
For the increase in income of small-scale farmers, horticultural crop (vegetable) cultivation techniques, marketing and distribution approaches, and their efficient extension methods acquired by the participants will be shared in their organizations as well as the regions where they work after their return.
【Expected Results】
1. Issues regarding vegetable cultivation/extension of techniques/marketing and distribution in the region are extracted and analyzed, and directions for the solution of the issues are proposed.
2. Appropriate vegetable cultivation techniques are acquired and explained.
3. Essential points for organizing of small-scale farmers, agricultural techniques development, and extension system are understood.
4. Outline and case examples of market trend of vegetable and appropriate marketing and distribution system are understood and explained.
5. Job improvement plan to solve the problem mentioned No. 1 is formulated based on the acquired knowledge and techniques.
6. Case in Kenya supporting small-scale farmers is understood and the way to apply the case to participant's own country is proposed.
7. Job improvement plan is shared after return and the result is compiled as Final Report.

Target Organization / Group

【Target Organization】
Organizations responsible for disseminating horticultural crop production technologies to small scale farmers

【Target Group】
1. Civil servants who are presently engaged in training instructions and extension of techniques for horticultural crop (vegetable) production
2. More than 3 years of experience
3. University graduates or an equivalent academic background (Not doctorate holders)
4. Proficiency in understanding, writing, and speaking English.

Contents

【Preparatory Program】
1. Problem analysis, formulation of Inception Report which describes present situation and issues regarding vegetable cultivation/extension of techniques/marketing and distribution
【Program in Japan】
Following lectures, practical training, observations, and discussions are conducted.
2. Physiology and biology of vegetables, production technologies, pest & disease management, raising seedlings, grafting, soil fertility & plant nutrient, plant density, variety comparison
3. Agricultural extension system, rural life improvement approach, organizing farmer's group and cooperatives, appraisal of rural community, gender, role of cooperatives
4. Marketing of agricultural products, policy for horticulture promotion, maintenance of freshness, certification system, food processing, role of public wholesale market, direct selling shops
5. Individual study, workshop, preparation of job improvement plan
【Program in Kenya】
6. Outline of SHEP and SHEP UP, observation of farmer's organizations, Wrap-up session
【Post Program】
7. Presentation session, preparation of Final Report (To be submitted within 2 months after return)

Program Period	2012 / 4/ 8 ～ 2012 / 9/8
Implementing Partner	Overseas Agricultural Development Association (OADA)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	Participants can learn practical techniques and knowledge to produce "market-oriented" vegetables.

Post-harvest Rice Processing for English Speaking African Countries
アフリカ地域(英語圏)稲作収穫後処理

Region-Focused Trainers | 1284095 Continuing

17 participants

Target Countries : Ghana, Kenya, Nigeria, Uganda, Mozambique, Tanzania, Rwanda

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

Government officers such as agricultural technical officer, who are engaged in agricultural guidance to farmers, acquire practical skills and knowledge on Harvesting and Post-harvest Rice Processing. For this purpose, Yamagata University manage this training course program in cooperation with government offices (prefectural and city) and private enterprises including an agricultural cooperative (JA).

Objective/Output

【Objectives】
Action plan on the dissemination of post-harvest rice processing for pilot rice-crop fields is formulated.

【Outputs】
(1) To formulate inception reports regarding rice production and post-harvest technology in participants countries
(2) To be able to explain the rice production, rice distribution systems and the function of agricultural cooperatives in Japan.
(3) To be able to explain the methods for post-harvest rice processing, methods and functions for milling machinery and related equipments as well as processing facilities, and study of the design and management of rice handling and processing facilities.
(4) To formulate action plans to disseminate post-harvest rice processing in pilot area

Target Organization / Group

【Target Organizations】
Central and local government, Agricultural cooperative, and Farmer's association
【Target Group】
(1)Technical officials leading local farmers, such as agricultural extension officers with at least 3 Yrs experiences in teaching rice crop
(2)Individuals who will lead local farmers from agricultural cooperatives or organizations concerned
(3)Under the ages of 40 yr-old.
(4)Individuals in good health, both physically and mentally, to undergo this training
(5)Must not be serving any form of military service

Contents

(In participants country) To formulate inception reports regarding rice production and post-harvest technology in participants' countries

(In Japan)
(1) To have a discussion on the report
(2)Lecture or field trip on rice production, rice production systems and the activities of agricultural cooperatives in Japan, agricultural machinery in Japan, rice cultivation
(3)・Study appropriate harvest techniques considering best water contents in rice ・Study of the methods and facilities for harvesting, threshing, drying , husking and storage etc.・Study methods and functions for milling machinery and related equipment as well as processing facilities. Measuring methods used in related fields. Discussion within trainee. ・Study of the design and management of rice handling and processing facilities.
(4)To formulate action plans to disseminate post-harvest rice processing in pilot area・Presentation on the plan

(In participants' country)To examine the plan in their section.

Program Period	2012 / 8 / 22 ～ 2012 / 9 / 22
Implementing Partner	Faculty of Agriculture,Yamagata University
JICA Center	JICA Tohoku
Cooperation Period	2010～2012
Remarks and Website	http://www.tr.yamagata-u.ac.jp/e.html

Participatory Irrigation Management System for Paddies for Asian Countries
アジア地域 農民参加型用水管理システム

Region-Focused Solution | 1284116 Continuing

Target Countries : Countries introducing irrigation agriculture for paddies | 8 participants

Sector : Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language : English/Khmer/Vietnamese

Appeal

"Farmers' Participation" for irrigation management is considered essential not only for efficient management and maintenance of irrigation facilities, but also for an effective use of water resources, pursing the improvement of agricultural productivity as well as farmer's income generation, and thus contributing to achieve the whole communities' development and stability. This training program aims to strengthen trainees' capacities for improving the irrigation management system in respective country/area, through making them understand the experiences and know-how of the successful Land Improvement Districts (LIDs) which are the water user's associations in Hokkaido.

Objective/Output

【Objective】
Participant's organizations officially discuss and formulate a plan to improve/strengthen irrigation management systems in respective country, based on the "Action Plan" proposed by the participants.

【Expected Module Output】
1. Analyze current issues/challenges regarding irrigation management system in the participant's county
2. Understand the system of "Participatory Irrigation Management (PIM)" in Japan
3. Understand the relationship between other relevant actors and LIDs
4. Consider suitable system of participatory irrigation management for respective country/area, and propose a feasible plan to improve/strengthen the irrigation management system as an "Action Plan"

Target Organization / Group

<Target Organization>
Central/local governments in charge of irrigation management

<Expected Qualification>
1. Government officials in charge of irrigation management in the central/local governments
2. More than three (3) years' experience in the relevant field
3. (especially for (A) course) Competent language skill in English (spoken and written)

Contents

【Preliminary Phase】
Preparation of Inception Report

【Phase in Japan】
The themes to be covered in this program are as follows:
(1) Irrigation management system, irrigation policies and administrative structure in Japan
(2) Roles and functions of LIDs (organization, management system, accounting, irrigation facilities, irrigation techniques, etc.)
(3) Water management done by farmers and subordinate organizations
(4) Roles of relevant organizations such as agricultural cooperatives and the Federation of Land Improvement Association
(5) Discussion on the sustainable system of participatory irrigation management for respective country/area
(6) Preparation and presentation of an "Action Plan"

【Finalization Phase in participant's home country】
Discussion on the "Action Plan" prepared by the participants in the participant's organization (within one (1) month) and submission of "Progress Report" (within three (3) months)

Program Period	under planning
Implementing Partner	(A) Taisetsu LID (B) Shinotsu-Chuo LID and Tobetsu LID (C) Hokkai LID
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	This course will be divided into the following three (3) groups. (A) Multinational(6 countries, 9 trainees) (B) Cambodia (6 trainees) (C) Viet Nam (10 trainees)

Improvement of Agricultural Machinery and Equipment for the Growth in Agricultural Productivity for African Countries
アフリカ地域　農業生産性向上のための農業機械･農機具改良

Region-Focused　1284194
Trainers　Continuing
10　participants

Target Countries : African countries

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

This program is designed for public organizations related to improvement of agricultural machinery to share appropriate techniques for improvement of agricultural machinery/equipment for the purpose of growth in agricultural productivity.

Objective/Output

[Course Objective]
Appropriate techniques for repairing and improvement to meet the agricultural condition by utilizing locally available materials are shared in the target organizations.

[Expected Module Outputs]
(1) To be able to explain mechanism and the way of performance test and "the Act on Promotion of Agricultural Mechanization" in Japan.
(2) To be able to explain efficient use of the agricultural machinery and equipment.
(3) To be able to explain the extension method of agricultural mechanization and its service system.
(4) To be able to explain the basic techniques to improve agricultural machinery and equipment to meet the local agricultural condition.
(5) To be able to explain the improvement method of specific agricultural machinery and equipment.

Target Organization / Group

[Target Organizations]　Public organizations related to improvement of agricultural machinery such as agricultural mechanization section, agricultural experiment station, and public corporation.

[Target Group]
(1) Persons involved in the improvement of agricultural machinery and equipment such as agricultural extension workers, agricultural school instructors, experimental station researchers and vocational training center instructors.
(2) More than 3 year practical experience in maintenance and improvement of agricultural machinery, or extension works.

Contents

[Preliminary Phase in home country]
Prepare the Inception report which includes organization chart and facing issues and problems.

[Core Phase in Japan]
Following lectures, practical exercises, observations and discussions are provided.
・ Basic knowledge of agricultural machinery　・ Performance test
・"Act on Promotion of Agricultural Mechanization" in Japan
・ Agricultural production efficiency improvement and agricultural mechanization
・ History and development of agricultural mechanization in Japan and in Tokachi
・ Maintenance techniques of agricultural machinery and its dissemination
・ Basic blacksmith techniques such as screw and welding
・ Simple mechanical design method　・ Interim report making

[Finalization Phase in home country]
Reporting in home country, authorize the Action plan and submit the Final report within 6 months after the training in Japan.

Program Period	2012 / 9 / 9 ～ 2012 / 11 / 3
Implementing Partner	Obihiro University of Agriculture and Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2010～2012
Remarks and Website	http://www.obihiro.ac.jp/index.html This program will be provided twice a year. Duration: 2013/1/7-3/2

Dissemination of Agricultural Technology of Water-saving Irrigation for Middle East
中東地域における節水かんがい農業技術の普及

Region-Focused Trainers | 1284197 Continuing | 8 participants

Target Countries : Middle East Countries

Sector : Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language : Arabic

Appeal

Enhancing the skills in water-saving irrigation and management and field-level irrigation technology for farmers in the Middle East region. The program comprises of the lectures on irrigation and water management, Participatory Irrigation Management by Water User's Association (WWUA), and the field visit. In addition, the participants are expected to learn the extension system as an Irrigation Extension Agent or Subject Matter Specialist (SMS).

Objective/Output	Target Organization / Group
【Objective】 To enhance teaching system of water-saving irrigation management and field-level irrigation technology for farmers in Middle East 【Objective for each unit】 (1) To understand appropriate management of water resources for agricultural usage. (2) To improve on-farm irrigation techniques considering relationship of farming plan and irrigation plan / method, stage of cultivation, and soil conditions. (3) To understand system of Participatory Irrigation Management (PIM) operating water distribution and facility management / maintenance by Water Users' Associations (WUA). (4) To understand organizational system of extension and training of irrigated agriculture to farmers. (5) To compile Action Plan for adapting training outputs in local condition and promote irrigated agriculture with water savings.	【Target Organization】 Central/Local Government or equivalent affiliated organization responsible for water-saving irrigation 【Target Group】 (1) Technical officials / Engineers who belongs to Central/Local Government or equivalent affiliated organization responsible for water-saving irrigation (2) who have more than 5 years' experience in the field of water-saving irrigation

Contents		
【Preparatory Program】 Making Inception Report. 【Core Program in Japan】 (1) Water resources and irrigation facilities (2) Irrigation plan/method and on-farm Irrigation (3) Participatory Irrigation Management (PIM) by Water Users' Associations (WUA) (4) Organizations and system for extension/training of irrigated agriculture (5) PCM training for compiling Action Plan 【Supplementary Phase in Jordan】 Considering the method for adapting the knowledge and techniques which have been learned in Japan. 【Post Program】 Making Progress Questionnaire Sheet.	Program Period	2012/10/ 8 ～ 2012/11/17
	Implementing Partner	Under Planning
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2010～2012
	Remarks and Website	

Counterparts Training Course on Facility Maintenance and Water Management for Irrigation and Drainage
プロジェクトカウンターパート合同研修「灌漑排水のための施設管理・水管理」

Region-Focused Leaders | 1284274 Updated

10 participants

Target Countries : be counterpart on JICA Cooperation Project or related

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :Agricultural/Rural Development/Agricultural Development

Language :English

Appeal

JICA irrigation project counterpart engineers/officials are target for this course. Participants are expected to acquire knowledge and experience on facility maintenance, participatory irrigation management (PIM) and land improvement district (LID)through this training program. They have to propose the Technical Proposals as one of the training outputs. JICA intends them to stretch creativity in addition to acquisition of knowledge in Japan.

Objective/Output	Target Organization / Group
【Objective for each Unit】 1)to understand the facility maintenance of irrigation and drainage projects 2)to understand the water management including LID 3)to understand related matters including participatory approach and environmental assessment 4)Technical Proposal Presentation	1)The Central or Regional Government's technical officer,in charge of the JICA Irrigation Project at the present 2)More than 5 years' experience of irrigation and civil engineering 3)University graduates,English and Computer Literacy, 4)Be between 30 and 45 year old

Contents

(1) Making an draft technical proposal presentation
(2) Training in Japan
Participants will learn following units by lecture, discussion, observation,
【Unit1】
・Outline of Irrigation and Drainage in Japan
・Water Development in Japan
・Operation and Maintenance
・Stock Management
・Toyogawa Canal project
・Local irrigation project
【Unit 2】
・Participatory Irrigation Management (PIM)
・Land Improvement District (LID)
【Unit 3】
・Water Cycle
・Watershed Management
・Environmental Assessment
・Project Cycle Management(Workshop)
【Unit 4】
・Drafting Technical Proposal and Presentation

Program Period	2013 / 1/ 6 ～ 2013 / 2 / 6
Implementing Partner	JWA(Japan Water Agency)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2012～2014
Remarks and Website	

Region-focused Training: Vegetable Cultivation Technology and Marketing Method for Small Scale Farmers
地域別研修 「小農支援のための野菜栽培技術とマーケティング手法」

Region-Focused Trainers | 1284858 Updated

10 participants

Target Countries : Countries in Asia,Oceania and Middle East

Sector :Agricultural/Rural Development/Agricultural Development

Sub-Sector :

Language :English

Appeal

In poverty rural areas of develop countries, it is expected to produce high value and stable horticulture products (especially, vegetables) which are adopted to market demand. But, in general, it is not to say that agricultural extension staffs are trained enough for teaching appropriate techniques to farmers. Then, it is supposed to extend production techniques, which are considered about marketing, to small scale farmers.

Objective/Output	Target Organization / Group
【Objective】 "The draft plan of operation to establish and disseminate the appropriate vegetable cultivation technologies" and "the draft plan of marketing" for the small scale farmers identified in the inception report will be made. 【Objective for each unit】 -To be able to explain the situation and problems of vegetable cultivation about small scale farmers -To be able to explain vegetable technology extension system for small scale farmers. -To be able to demonstrate Japanese useful vegetable cultivation techniques. -To develop comprehensive abilities about Japanese useful vegetable cultivation techniques, which are extracted as the theme of individual experiment plan by participants to adopt in respective countries. -To be able to explain the method of marketing. -To make an action plan.	【Target Organization】 be engaged in vegetable production as researchers, training instructors or extension officers in public organization, universities, etc. 【Target Group】 more than 3 years' experience 25-40years old, not for PhD holders

Contents		
(1) Making an inception report presentation (2) Implementation of common lectures and experiments ①vegetable cultivation techniques for high yield and high quality ②vegetable seed producing techniques ③vegetable cultivation techniques for environment preservation ④social economics for producing vegetables (3) Implementation of individual experiments ①identifying necessary experiments for solving problems which are extracted in an inception report ②formulating the plan of experiments ③implementing of individual experiments according to the plan ④writing up result of experiments (4) Acquiring strategy of marketing ①local production and local consumption ②off-season production ③added-value ④cooperative shipping and selling, etc. (5) Making an action plan	Program Period	2013/ 2/ 5 ～ 2013/11/9
	Implementing Partner	JICA Tsukuba
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2012～2014
	Remarks and Website	

Integrated Agriculture & Rural Development through the Participation of Local Farmers
農民参加による農業農村開発

Group 1280211
Trainers Continuing
9 participants

Target Countries :

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :

Language :English/Vietnamese

Appeal

In Japan, Land Improvement Districts and JAs have long supported farmers on land improvement, maintenance of irrigation facilities and agricultural marketing. Efforts for agriculture-based area development are also active today. This training course is to provide the participants with opportunities to learn about Japan's experiences, as well as cases of participatory rural/agricultural development in developing counties and its methods such as appraisal, planning, evaluation and facilitation. Participants are expected to formulate action plans and put them into practice in their own counties, so that their skills and knowledge about participatory development are successfully shared with local farmers.

Objective/Output	Target Organization / Group
<Course Objective> To enable participants to formulate action plans for participatory rural development by applying their leanings through the training program, and to have their plans shared with their colleague. <Expected Module Outputs > Participants are expected to be able to: (1) Extract and analyze the problems in their responsible areas. (2) Explain about institutional schemes that provide farmers with technical and financial supports. (3) Explain about schemes of agricultural land improvement and water management. (4) Explain about schemes of strengthening rural society. (5) Explain about participatory rural development and its methods. (6) Formulate action plans, based on their leanings in Japan, that suggests ideas to improve rural communities in their respective areas. (7) Share their leanings in Japan with their colleague by presenting action plans to them.	<Target Organization> Administrative agencies, either central or local, that engage in agricultural and/or rural development planning. <Qualification of Nominee> 1. 5-year experience in agricultural/rural development planning. 2. University graduate or relevant 3. Good command of English (Only for B course and C course) 4. In good health, between the ages of 30-45. 5. Preferably involved in JICA program currently or in the future. 6. Not under the military duty.

Contents		
< Preliminary Phase in home counties > Participants make inception reports that describe situations of rural communities in their responsible areas, so they acquire deeper understanding about issues of community development. < Core phase in Japan > Participants learn the following topics: 1. Supports for agricultural marketing, management and technique by JAs and other institutions. 2. Agricultural and Rural Development Program and LID, and their methodologies. 3. Vitalization of rural societies by One-Village-One-Product program, farmer's markets and 'Roadside Station'. 4. Cases of participatory agricultural and rural development in developing countries. 5. Participatory methods on appraisal, planning and evaluation, such as PRA and PCM. 6. Formulation and presentation of action plans.	Program Period	2012 / 8/ 1 ～ 2012 /12 /1
	Implementing Partner	(A)Under Planning (B)Under Planning (C)Under Planning
	JICA Center	JICA Hokkaido (Sapporo) /JICA Tsukuba(Training)
	Cooperation Period	2011～2013
	Remarks and Website	(A)For Vietnam only. Organized by JICA Sapporo. Mid Aug - Mid Sep, 2012. (B)For Asian countries and others. Organized by JICA Tsukuba. Oct 21 - Dec 1, 2012. (C)For African countries. Organized by JICA Sapporo. Mid Aug - Mid Sep, 2012.

Local Industry Development in Agricultural Regions by Strengthening Capacity of Management and Marketing
農業地域における経営力、マーケティング強化による地場産業振興

Group 1280244
Solution New

Target Countries :

20 participants

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language :English

Appeal

This course is implemented in Obihiro city, Tokachi region: one of representative agricultural areas in Japan. The course is intended for government officials, members of Chamber of Commerce, NGO staff and heads of agricultural cooperative, aiming to equip training participants with ability to plan local industry promotion strategy in home countries.

Objective/Output	Target Organization / Group
[Course Objective] Practical local industry promotion strategy to increase revenue is planned in a training participant's country. [Expected Module Outputs] (1)Participants will be able to understand national/regional strategies and support systems for promotion of agricultural industry and small and medium-sized enterprises (SMEs). (2)Participants will be able to learn business approaches of small and medium-sized enterprises. (3)Participants will be equipped with skills needed for high-value added agricultural products. (4)Participants will be able to acquire educational methods on business administration. (5)Participants will be able to formulate an action plan based on knowledge and skills they acquired during the training course.	[Target Organization] Central/Regional administration dealing with rural development or small and medium-sized enterprise promotion, Chamber of Commerce, NGO, Agricultural cooperative [Target Group] (1)Government official, member of Chamber of Commerce, NGO staff, Head of agricultural cooperative (2)At least 3-year-experience on rural development or small and medium-sized enterprise promotion

Contents		
[Preliminary Phase in a participant's home country] Participants formulate and submit an Inception Report which includes basic information of a participating organization and challenges that the participant's country confronting. [Core Phase in Japan] Lectures, practicals, field visits and discussions which cover contents below are provided: (1)National/Regional strategies for promotion of agricultural industry and small and medium-sized enterprises (2)Business administration (Business strategy, Finance and accounting, Organizational management), Case study on SME management, product planning and sales promotion, Simulation game of business administration, Visiting local SMEs of food products and farmers (3)Marketing (Market research, Analysis, Product planning, Distribution, Sales promotion), Group work on product planning, Green tourism (4)Local university's approach: Human resource development of local companies; government-industry-academia collaboration new business (5)Business plan writing, Interim report writing [Finalization Phase in a participant's home country] Participants report in their home country, authorize an Action Plan and submit a Final Report within 6 months after the training in Japan.	Program Period	2012 / 11 ～ 2012 / 12
	Implementing Partner	Insight Management Co., Ltd.
	JICA Center	JICA Hokkaido (Obihiro)
	Cooperation Period	2012～2014
	Remarks and Website	http://www.insight-m.com/39101.html

Cattle Management for Milk and Meat Production Using Regional Resources
地域資源に基づいた乳肉生産のための牛の飼養管理

Group 1280246
Trainers New
7 participants

Target Countries : All Countries

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :

Language :English

Appeal

The skills on livestock management will be acquired by participants such as technical leaders, extension officers and veterinarians in developing countries. Furthermore, this course will contribute to the poverty reduction by increasing farmer's income through improvement of their skills both for securing feed with regional resources and for production of high quality milk and meat.

Objective/Output	Target Organization / Group
【Objective】 To develop human resources who plays leading role on cattle management for milk and meat production using regional resources. 【Objective for each unit】 (1)Understand basic concept of physiology of cattle reproduction and be able to explain how to manage cattle reproduction aiming at yearly calving. (2)Be able to explain about feed production with regional resources,nutritional management for milk and meat production and relation between environmental factor and productivity of livestock. (3)Be able to explain about milk quality improvement through hygienic approach such as prevention of mastitis and hygienic management of milk. (4)Be able to explain about efficient meat production by dairy bull and old dairy cow. (5)Be able to formulate extension plan concerning cattle management for sustainable milk and meat production using regional resources.	【Target Organization】 Ministry of agriculture,Agricultural extension center,universities. 【Target Group】 Technical instructor,extension officer,researcher and field veterinarian in the field of dairy husbandry(on-site extension worker or technical experts are preferable). 【Qualification】 more than 3 year practical experience university graduates or have an equivalent educational background

Contents		
【Preliminary phase】 Inception report will be submitted. 【Core phase】 Lectures,practices and observations for each unit are as follows. (1) Artificial insemination,Clinical breeding,Breeding diagnosis Artificial control of the reproduction,ET center,Livestock experiment station (2) Feed production,Utilization of by-products as feed,Nutrition of cattle Evaluation of feed,Feed calculation and feeding method,Technique in preparing silage, Feed production in tropical region (3) Milk quality improvement/Hygienic management,Voluntary hygienic management,Disease prevention of dairy cow,Hygienic distribution of raw milk Milking,Treating diseased cow,Hygienic handling of raw milk (4) Beef cattle production,Feed control for dairy bull,Meat quality assessment Slaughter factory,Beef cattle farm (5) Development of the manual on cattle management for sustainable meat and milk production,Formulation of extension plan by 【Finalization phase】 Reporting in home country,authorize the action plan and submit the final report within 6 months.	Program Period	2012 / 9/24 ～ 2012 /11/23
	Implementing Partner	Obihiro Univ. of Agriculture & Veterinary Medicine
	JICA Center	JICA Hokkaido (Obihiro)
	Cooperation Period	2012～2014
	Remarks and Website	

JICA-NGO Partnership Training Course on Participatory Community Development for Practitioners
JICA-NGO連携による実践的参加型コミュニティ開発

Group 1280805
Solution Continuing

12 participants

Target Countries :

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :

Language :English

Appeal

Project management method, featuring the mechanism for in order to sustainable project operation by citizen initiative, will be provided based on Japan's experience of participatory approach in community development.

Objective/Output

【Objectives】
Formulating an action plan toward participatory community development based on the acquired project management method by staffs working on Local NGO, International NGO and relevant ministry

【Outputs】
(1) Participants will be able to explain concept of community development
(2) Participants will be able to explain role of outsider on community development and development method by the outsider through local wisdom
(3) Participants will be able to explain necessary point of view like diversity, minority, inclusion and conflict resolution
(4) Participants will be able to explain linkage method with a wide variety of stake-holders
(5) Participants will be able to formulate an Action plan toward participatory community development

Target Organization / Group

【Target Organization/Group】
1) be leaders or project managers of local/national NGO who are engaged in rural/community development projects/programs in their countries.

2) have at least three (3) years of field experience working for rural/community development projects/programs,

3) be preferably currently engaged in rural/community development with prospects of continuous involvement in the future.

Contents

【Core Phase in Japan】
(1) Discussion concerning <Analyzing what is the community, why the community is valued on development> <Presentation and analyzing of community development which is managed by participants>
(2) Discussion concerning <Analyzing on role of outsider on community development> <Facilitation method to promote the development led by the residents> Field work concerning <Philosophy of local wisdom>
(3) Discussion and Field work concerning <Diversity, inclusion , gender on participatory community development> <Diversity-based conflict resolution to achieve partnership>
(4) Discussion and Fieldwork concerning <Analyzing a wide variety of stake-holders on community development> <Case study of linkage method with community, government and NGO>
(5) Formulation, Presentation and Discussion of Action plan which is based on output of this program

【Activity in Finalization Phase in Home Country】
(1) To implement participant's action plan, and report its progress to Japanese staffs 6 months later.

Program Period	2012 / 6/10 ～ 2012 / 7/21
Implementing Partner	Kansai NGO Council
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Web-site of the Kansai NGO Council: http://www.kansaingo.net/en/

Empowerment of Rural Women
農村女性能力向上

Group 1280889
Solution Updated

Target Countries :

10 participants

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :Gender and Development/Gender and Development

Language :English

Appeal

【Preparatory program】A technical guidance on rapid rural reconnaissance survey is prepared for smooth start.
【Training in Japan】The participants can master methods on fostering autonomous group activities and leadership, entrepreneurship activity utilizing locally available resources, gender equality etc.
【Post Program】The course website keeps giving consultation on the implementation after the training.

Objective/Output	Target Organization / Group
【Objective】 The participant and his/her organization authorize Life Improvement Action Plan(LIAP) optimally using existing resources for empowerment of rural women through fostering Life Improvement Practice Groups, and maximizing their effort toward achieving the goal of Life Improvement. 【Objective for each unit】 1.To understand an outline of Life Improvement Activities and conduct a brief baseline survey to understand the actual situation of the target rural women 2.To understand the process of Japanese rural development, specifically the Life Improvement Approach and gets to explain key factors attributed to empowerment of rural women 3.To acquire practical methods for problem-solving that meet rural women's needs 4.To understand rural women's economic, social and environmental activities arising from disciplined life improvement practices 5.To master how to use the Website of the training course and make good use of it for building a network 6.To formulate the draft LIAP 7.To adjust the LIAP for implementation, and finalize it under supervision through the Website and TV conferences etc.	Organizations engaging capacity development of rural women and extension agriculture, home economic, income generation and community development, etc. Extension officer or Subject Matter Specialist who is engaged in extension service for rural women(life improvement, agriculture, community development.) More than three years' experience in the above mentioned fields.

Contents		
【Preparatory Program】 1.Self-study on outline of Life Improvement Approach by reading materials, 2.Conduct a baseline survey on target women issues in their daily life in order to reflect the results into Inception Report, 3.Prepare of Inception Report Presentation 【Core program in Japan】-Discussion, Lecture and site-visit of following contents- ・Agriculture, Rural Development, Stakeholders in Postwar Japan・Life Improvement Movement and Development Process of Rural Life・Rural Development and gender ・Nurturing 'Thinking' Life Improvement Practice Group-Democratic Group Management and Fostering of Leadership・Case Study:Formulation of Vision for Rural Women・Policy Measures for Rural Women・Effective Communication Tools for Awareness Raising Program(workshop) ・Dietary Improvement Methodology in Rural Area・Check-map Workshop ・Rural Women Entrepreneurship and Empowerment・Rural Women and Environment ・Entrepreneurship of LIP Practice Group and Rural Development by Networking・Family Management Agreement through Gender Equality・JA/ Rural Women's Entrepreneurship and Marketing ・How to Use the RWE Course WEB Site, e-mailing list, weblog, message board etc.・Brain Storming Session for LIAP・Problem Solving Methodology (PCM)・Practice: Problem Analysis for LIAP Draft ・Intensive Guidance Approach and Ripple Effect in LIP・Post-Project Monitoring Evaluation ・Formulation of LIAP (individual instructions) 【Post program】 Modify and adjust LIAP for implementation by utilizing advice through e-mail and the website. Finalize it and submit to JICA Tsukuba.	Program Period	2012 / 6 / 10 ～ 2012 / 8 / 25
	Implementing Partner	Rural Women Empowerment and Life Improvement Association (WELI)
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2012～2014
	Remarks and Website	the course Website (KAIZEN-JICA) URL:http://www.rwe-jicatraining.org/

Strengthening Management and Business Activities of Agricultural Cooperatives
農協の組織と事業の強化

Group 1280969
Solution Continuing
17 participants

Target Countries :

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :

Language :English

Appeal

These years, the number of Agricultural Cooperatives and its members are significantly increasing in developing countries. But there are still kinds of challenges such as: public system for Agricultural Cooperatives and Cooperatives' management skill itself etc. This training course aims to improve farmers' income, living and the conditions for regional agriculture by strengthening organizations and business activities of agricultural cooperatives.

Objective/Output

【Project Objective】
Participants and their organizations prepare the documents as basic information necessary for formulation of agricultural promotion projects or policies to improve farmers' economy and the regional agriculture.

【Expected Module Output】
1. To find factors and impacts by organizing agricultural cooperatives based on understanding Japanese agriculture, agricultural policy and history of agricultural cooperatives.
2. To find useful ideas for development of agricultural cooperatives by learning organizations and business systems, social and better living activities of agricultural cooperatives with emphasis on marketing.
3. To find factors in development of agricultural cooperatives from the view of economic and social activities and life in rural communities.(including business development by rural women, promotion of agro-industry)
4. To find useful measures from the viewpoint of government and agricultural cooperatives by learning the role of government, relation between agricultural cooperatives and government.
5. To make and develop a proposal for improvement of farmer's economy through promotion of agricultural cooperatives.

Target Organization / Group

【Target Organization】
Central or local government institutions in charge of developing agricultural cooperative. Extension institution and Farmer's group.

【Target Group】
1. A Director, in the division for supporting farmer's group, agricultural cooperative development and extension on public sector.
2. A Director, in the division for employees of NGO including farmer's group
3. With more than 3 years of experience in the above mentioned fields.

Contents

【Preparatory Program】
Analysis of own country's situation and preparation draft action plan through making inception report

【Core Program in Japan】 -Discussion, Lecture and Site visit of following contents-
1. Agriculture, policy and development process of agricultural cooperatives.
2. Organizations and business of agricultural cooperatives.
3. Agricultural cooperatives with local resource, agro-processing, etc.
4. Relationship between the government and agricultural cooperatives.
5. Making action plans through problem analysis of their situation.

【Post Program】
Further examination of prepared action plan in the recipient organization and the final action plan for implementation is to be submitted to JICA.

Program Period	2012 / 5 / 6 ～ 2012 / 7 / 14
Implementing Partner	The Institute for the Development of Agricultural Cooperation in Asia (IDACA)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2010～2012
Remarks and Website	Website of Implementing Partner http://www.idaca.or.jp/e_p/index.html

Rural Development for Small-Scale Farmers through Agricultural Cooperatives Activity in Asia
農業協同組合活動を通じた農村振興（アジア地域）

Region-Focused Solution | 1284002 Continuing

Target Countries : Asian countries

9 participants

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :

Language :English/Vietnamese

Appeal

This program is emphasized on following contents to improvement of living standard of farmers through enhancement of Agricultural Cooperatives.
①Process of the development of Japan Agricultural Cooperatives(JA),
②Case study on rural development of agro-products branding,
③Farmers' participation for Cooperatives business,
④Communication mechanism for rural development of related organizations

Objective/Output	Target Organization / Group
<Course Objective>Plans for rural development in need of target regions will be formulated and implemented by Agricultural Cooperatives or its administrative organization. <Objective for each unit> (1)Analyze the current situations and obstacles of Agricultural Cooperatives in participating countries in comparison with those of Japan and other countries, (2)Analyze the functions of Agricultural Cooperatives management and human resource development for sound management, and clarify the applicable measures, (3)Analyze the functions of rural development through utilizing local resources and linkage system among Agricultural Cooperatives, administrative bodies and others, and clarify the applicable measures, (4)Drafts of feasible plans for rural development based on the experience of this training program as analyzed issues and clarified applicable measures.	<Target Organization> Agricultural Cooperatives and administrative organizations <Expected Job Title> Responsible for management of Agricultural Cooperatives or its administrative organization. <Expected Job Experience> More than five (5) years of working experience in the relevant field of Agricultural Cooperatives

Contents		
<Preliminary Phase in a participant's home country > Formulation of Job Report <Core Phase >(activities in Japan) (1)Issue analysis workshop (2)Outline of agriculture in Japan and Okinawa Prefecture, Principle of Japan's Agricultural Cooperatives(JA) (3)Outline of JA (structures, roles and functions), Management of Agricultural Cooperatives, Human Resource Development for staff and members of Agricultural Cooperatives, Farm guidance, Credit business (4)Branding of agro-products (5)Formulation of an action plan, Presentation of action plan <Finalization Phase >(activities in home country) Submission of the progress report of action plan to JICA.	Program Period	2012 / 8 / 22 ～ 2012 / 10 / 30
	Implementing Partner	JA Okinawa Training Center, Okinawa Prefectural Agricultural Cooperatives
	JICA Center	JICA Okinawa
	Cooperation Period	2011～2013
	Remarks and Website	・Participants: be related with JICA program will be preferable. ・This course will be held twice and the second will be done in Vietnamese language.

'KAIZEN' of the Rural Development Policy through 'Livelihood Improvement Approach' in Central America and Caribbean Region
中米カリブ地域 生活改善アプローチによる農村開発政策の改善

Region-Focused Solution | 1284125 Continuing | 14 participants

Target Countries : Central America and Caribbean Countries

Sector : Agricultural/Rural Development/Rural Development

Sub-Sector : Gender and Development/Gender and Development

Language : Spanish

Appeal

The concept of "Livelihood Improvement Approach (LIA)", the main theme of this course, is the essential factor of Japanese Rehabilitation Process after the W.W.II. In many developing countries, LIA has proved applicable.
Through the past course, ex-participants' network (about 10 members in each country, more than 100 members in total) have implemented LIA activities. Target countries are expected to implement the LIA activities through the collaboration with the network members.

Objective/Output

<Course Objective>
The necessary human resources and materials are prepared for the implementation of the formulated 'KAIZEN' rural development policies.

<Objective for each unit (Second year) >
1. Through understanding Japanese experience in rural development with "Livelihood Improvement Approach (LIA)", Applicability Report 1 is compiled.
2. Through understanding Japanese experience in diffusion and implementation system of LIA enterprises, Applicability Report 2 is compiled.
3. The rural development policies of target organizations are formulated based on the strategies for 'KAIZEN'.

Target Organization / Group

<Target Organization>Central/local governments, NGO in charge of rural development programs (depending on the situation of each country)

<Expected Job Title>Manager level of the governments / Manager of NGOs (Second year)

<Expected Job Experience>work experiences in rural development more than 3 years

<Other Qualifications>Be nominated by the government of the respective country under close coordination with JICA Officer and Embassy of Japan

Contents

Pre-Program: Self-study using the JICA multimedia materials, Preparation of Inception Reports.

Program in Japan:
1. Japanese Rehabilitation Process after the W.W.II, LIA, Extension work system, Visits to LIA groups, Making Applicability Report 1.
2. Japanese diffusion and implementation system of LIA enterprises, Visits to regional government, Making Applicability Report 2.

Overseas Program: Visit of existing projects, Case-study presentation by ex-participants, Discussion on the REDCAM Network activities & Implementation plan.

Post Program: Meeting and Discussion with National REDCAM members, Elaboration of the implementation plan of LIA project.

Program Period	2012/10/14 ～ 2012/11/10
Implementing Partner	NPO, International Farmers Participation Technical Net-work (IFPaT)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	REDCAM WEB Site: http://redcam-drp.org/Inicio/tabid/36/language/es-ES/Default.aspx

Livelihood Improvement Activity and IGA(Income Generation Activity) for Small Rural Communities in African Countries
アフリカ地域 小規模農村組織のための生活改善活動と収入創出活動(IGA)

Region-Focused Solution | 1284159 Continuing

Target Countries : African countries

18 participants

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :Gender and Development/Gender and Development

Language :English

Appeal

JICA systematized LIA, through which Japanese rural areas developed after WW2, as training materials. LIA is implemented even now in Japan, mainly as income improvement activities by rural women. As we see, in the areas without budget support, the LIA philosophy 'Use the existing resources' proves very useful. Moreover, the sustainability of the organizations is promoted, with acquirement of the required fund for activities by IGAs.

Objective/Output	Target Organization / Group
<Course Objective> Seminars on livelihood improvement approach and IGA are held by participants in their belonging organizations. <Objective for each unit> 1. Communities' status in participant's targeted areas are comprehended objectively. 2. Activities on livelihood improvement approach in Japan and other countries are systemized as report. 3. Good practices mainly in IGA and the points for the management of sustainable rural communities are systemized as a report. 4. Action plans of livelihood improvement approach and management of sustainable rural organization in targeted areas are compiled. 5. Seminars on livelihood improvement approach are held in participants' belonging organizations.	<Target Organization> * National/Local governments, NGOs, rural communities working on rural/social development <Expected Job Title> * An officer in charge of community development who has experience (at least three years) in the belonging organization.

Contents

【Preparatory Program】
To analyze country's status on rural community development through Inception Report making, and self study by technical contents (training materials)

【Program in Japan】
-Participants will learn following contents by lecture, discussion, visitation-
1. Livelihood improvement approach in Japan, related activities through cases from African countries.
2. Discussion with previous extension workers in Japanese communities of livelihood improvement
3. Activities of residents' organization in Japan, case studies of IGA(Direct selling markets, Food processing, Roadside station, etc.), Visitation to Japanese communities working on IGA
4. Reflection and Consideration of Module 2 & 3, application of lessons in Japan to targeted areas, Action Plan making

【Post program】
Implementation of seminars, Final reports making and submission

Program Period	2013 / 1/14 ～ 2013 / 3/2
Implementing Partner	Rural Development Institute LTD.
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	

Rural Community Development by Livelihood Improvement Approach for Africa
アフリカ地域別「生活改善アプローチによる農村コミュニティ開発」

Region-Focused Solution | 1284180 Updated

Target Countries : African Countries

20 participants

Sector :Agricultural/Rural Development/Rural Development

Sub-Sector :

Language :English

Appeal

In African countries, agriculture is main industry so that development of rural area is very important. However, reaching out to farmers which is needed by autarkic and large-scale development is not enough yet. Livelihood improvement approach (LIP) have played important role in Japanese rural area after WW2. It focuses on "development of farmers" and "improvement of women's position". And these characteristics of LIP will help to solve African countries challenges on agricultural sector.
This training course aims to implement rural community development with LIP. Because this course targets not only field workers but also management or planning officers, so it can expect wider impact on rural development in Africa comparing other training course.

Objective/Output

【Objective】
Rural community development plan, which is compiled with the knowledge and the methodology of Livelihood Improvement Approach, will be implemented by ex-participants in their responsible areas.

【Objective for each unit】
[Preparatory program]
1) Challenges about rural development in participant's workplace will be distilled and analyzed accurately.
[Main program in Japan]
2) To be able to understand overview and history of Japanese Livelihood Improvement Movement and to explain it based upon African community development's track.
3) To acquire facilitation skill to make and implement plan with responsible area's problems and resolves of people based upon understanding of importance of participatory rural appraisal.
4) To acquire Monitoring and Evaluation skill to do feedback about participants own project.
[Post program]
5) To implement rural development by Livelihood Improvement Approach plan (the plan will be made through discussion with belonging institute).

Target Organization / Group

[Target Organization]
* The central and local government and NGOs in charge of rural community development

[Target Group]
* Field workers, staffs of educational institutes and NGOs who are in charge of rural development, and Management officers and Planning officers who supervise them.
* Three (3) years experiments on field of rural development

[NOTICE]
* We ask participants from same country to cooperate each other to implement their plan.
* Participants who are C/P of JICA's project are most welcome.

Contents

[Preparatory program]
- TV orientation
- Pre-study for core phase in Japan with technical cooperation contents
- Making Inception Report through discussion with belonging institute

[Main program in Japan]
- Lectures with technical cooperation contents
- Sharing each knowledge and experience with other participants
- Study tour
- Case study about African community development and applying LIP
- Lectures about facilitation
- Discussions with Japanese ex- Livelihood Improvement Extension Workers
- Lectures about monitoring and evaluation skill

[Post program]
- Holding debriefing session about core phase in Japan
- Making Progress Report
- Attendance at Finalization phase (TV conference)
- Making Final Report
- Implementation of project based on Final Report and advices from Japanese resource person

Program Period	2012 / 7 / 22 ～ 2012 / 9 / 8
Implementing Partner	Under Planning
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2012～2014
Remarks and Website	

Rural Development through Livelihood Improvement (by KAIZEN) for Central and South America
中南米地域 生活改善を通じた農村開発

Region-Focused | 1284245
Int.Dialogue | Continuing
18 participants

Target Countries : Central and South America
Sector : Agricultural/Rural Development/Rural Development
Sub-Sector : Gender and Development/Gender and Development
Language : Spanish

Appeal

Participants are expected to discuss the application of the Japan's experience of Livelihood Improvement to their rural development policy of respective countries.

Objective/Output

<Course Objective>
Participants will understand the politics and organizational system for the execution of projects on the Livelihood Improvement Approach in Japan. Later on, they will elaborate "the Tsukuba Declaration". After returning to their countries, they will share the information and they will put into practice in their organizations.

<Objective for each unit>
1. Analyze the ability of each relevant organization and extract problems on implementation system and policy.
2. Understand the implementation system and policy of the rural development project through the Livelihood Improvement and be able to explain about the sharing the lesson from the field and policy making.
3. Be able to explain the support system of the government to the livelihood improvement group activity and lesson sharing process.
4. "Tsukuba Declaration (Tentative Name)"is elaborated in the participants' joint names.
5. Report the result of their activities in the post seminar after 3months of their return.

Target Organization / Group

【Target organizations】
1. Central and local governmental organizations in charge of policy planning in rural development
2. Central and local governmental organizations in charge of implementation of rural development projects

【Target group】
1. Personnel at management posts.
2. Personnel with work experiences in rural development or rural women empowerment.
3. Be engaged or planning to be engaged in JICA's Cooperation Programs

Contents

1. Pre-Program before coming to Japan (Product: Inception Report)
Participants should study the JICA technical cooperation contents "Livelihood Improvement Approach for Rural Community Development" and prepare Inception Report.

2. Program in Japan (Product: Interim Report "Tsukuba Pronouncement")
Activities 0) to 4) for solving problems identified through Inception Report will be carried out;
0) Inception Report presentation, sharing information and opinions,
1) Lecture and discussion on Livelihood Improvement Approach,
2) Lecture and discussion on Participatory Development, Monitoring and Evaluation,
3) Case-Study through field trips, and
4) Sharing of learning in Japan and discussion on its application in the future.
In the end of the Program in Japan, "Tsukuba Pronouncement" is prepared and presented jointly by the participants.

3. Report the result of their activities in the post seminar after 3 months of their return.

Program Period	2013/ 1/20 ～ 2013/ 2/2
Implementing Partner	NPO, International Farmers Participation Technical Net-work (IFPaT)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2010～2012
Remarks and Website	It is desirable that participants are authorized to make a certain decision to implement their plan.

Implementation and Promotion of Agribusiness for African Countries
アフリカ地域 アグリビジネスの実施と振興

Region-Focused Solution | 1284254 Continuing

17 participants

Target Countries : African Countries

Sector : Agricultural/Rural Development/Rural Development

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : English

Appeal

This training course covers from post-harvest to sales, which is the middle and downstream in the value chain of agricultural products, aiming to contribute to economic growth and poverty reduction through promotion of agribusiness of farmer's organizations and SMEs. The course intends to enrich the knowledge and improve the ability of farmer's organizations and SMEs in the field of marketing, distribution improvement, and value addition of agricultural products, and to enhance support by administrative bodies and industry groups and improve the environment for agribusiness.

Objective/Output

【Objectives】
Participant's proposal for agribusiness implementation or promotion is approved by his/her organization or related organizations.

【Expected Results】
1. Inception Report, as a result of analyzing the present situation on agribusiness implementation or promotion by participant's organization or related organizations, is compiled.
2. Clarifying and organizing the issues in the field of marketing. Accordingly, Report 1 showing a direction of future activities related to marketing is compiled.
3. Clarifying and organizing the issues in the field of distribution. Accordingly, Report 2 showing a direction of future activities related to distribution is compiled.
4. Clarifying and organizing the issues in the field of processing and value addition. Accordingly, Report 3 showing a direction of future activities related to processing and value addition is compiled.
5. Integrating the directions of future activities mentioned in Report 1, 2 and 3, a proposal is compiled.
6. The proposal is examined in participant's organization or related organizations.

Target Organization / Group

【Target Organization】
Administrative bodies, marketing boards, chambers of commerce, cooperatives, farmer's groups, SMEs and NGOs engaged in agribusiness implementation and promotion

【Target Group】
1. Member of above-mentioned organizations
2. At least 3 years' experience in the related field for implementation and promotion of agribusiness
3. Graduate of university or equivalent

Contents

【Preparatory Phase】
1. Analysis on present situation, preparation of Inception Report

【Program in Japan】
Lectures, exercises, field trips, and discussion regarding the following items are implemented.
2. Market research, marketing strategy planning(product strategy, sales strategy, pricing strategy, communication strategy), cases of business matching, situation of retail stores in Japan.
3. Collection/distribution and sales by agricultural cooperatives and private enterprises, market system and market information system, famer's markets (direct selling shops).
4. Positioning and branding, One Village One Product, processing of agricultural products, quality control through post-harvest treatment, quality standard and certification system, producer's group activities.
5. Proposal making, presentation of proposal and discussion.

【Post Program】
6. Proposal presentation in participant's organization, revising the proposal and obtaining approval on it from the organization, submission of Final Report to JICA, presentation of Final Report at TV seminar.

Program Period	2012/10/28 ～ 2012/12/8
Implementing Partner	The Institute for the Development of Agricultural Cooperation in Asia (IDACA)
JICA Center	JICA Tsukuba(Training)
Cooperation Period	2011～2013
Remarks and Website	Agribusiness is a business treating agricultural products and processed agricultural products.

Mycotoxin Inspection for Food Safety
食品安全のためのマイコトキシン検査技術

Group 1280001
Trainers Continuing
7 participants

Target Countries :

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language :English

Appeal

Safety of agricultural products such as grains, etc. will be strengthened through mycotoxin inspection techniques and latest methods shared among inspectors of food inspection organizations.

Objective/Output

【Objective】
A draft plan to diffuse or improve techniques and knowledge for mycotoxin inspection will be formulated and authorized by food inspection organizations.

【Outputs】
(1) To acquire and apply the methodology and technology for mycotoxin analysis
(2) To be able to explain about control and management of fungi and mycotoxins
(3) To formulate an action plan for disseminating the most feasible knowledge and technology for each country
(4) To submit a progress report on action plan

Target Organization / Group

【Target Organizations】
Governmental and non-governmental organizations in the field of food inspection

【Target Group】
(1) Current Duties: be a technical officer or an inspector who is engaged in food inspection
(2) Experience: to have more than 3 years in food inspection
(3) Others: preferably be under 35 years old and to stay in the same field after the completion of this program

Contents

【Preliminary Phase】
・To formulate and submit an inception report describing the current situation of food safety and mycotoxin regulation

【Core Phase】
Lectures, Lab Practice, Observation and Workshop:
・General overview of mycotoxins and international trend, and Import food inspection/surveillance system
・Mycotoxin regulation and validation of analytical methods
・Aflatoxin contamination, Ochratoxin contamination, Fusarium toxins, Patulin, etc.
・Mycotoxin analytical methods - chemical analysis, ELISA etc.
・Prevention, control and risk assessment of mycotoxins
・Isolation and identification of mycotoxin producing fungi
・Experience sharing with ex participants
・Workshop for action plan making, guidance, and presentation

【Finalization Phase】
・Action plan presentation in each participating organization
・Feasibility study on action plan by each organization
・Submission of progress report to JICA within 3 months after return.

Program Period	2013 / 1/28 ～ 2013 / 4/20
Implementing Partner	・Kobe Institute of Health ・Nagoya City Public Health Research Institute
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	Most instructors of this program are executive members of Japanese Society of Mycotoxicology. The relevant website: http://www.jsmyco.org/MYCONTENTS/Eng/index_eng.html

Farmer-led Extension Method
農民主導による普及手法

Group 1280247
Trainers New
12 participants

Target Countries : All Countries

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :Agricultural/Rural Development/Rural Development

Language :English

Appeal

The participants in this training program will design a practical curriculum through learning a scientific way of thinking and the idea of rural development with enough attention to local resident's mind. They are expected to plan and manage farmer-led extension such as "Farmer field school" and "Farmer to farmer extension".

Objective/Output

【Program Objective】
Farmer-led extension is executed by the participants after returning country.

【Objective for each unit】
(1)To be able to develop a curriculum which will be used in farmer-led extension activities.
(2)To be able to explain the relationship between basic and the applied science.
(3)To be able to explain the role of agriculture including both crops and livestock in terms of community development.
(4)Action plan concerning farmer-led agricultural extension activities which will be implemented after returning is formulated.

Target Organization / Group

【Target Organization】
Public organization responsible for extension of agricultural technology such as agricultural extension institute.

【Target Group】
Those responsible for planning and implementation of agricultural extension activities such as agricultural instructors and extension officers.Age: under 45 years old

Contents

【Preliminary phase】
Inception report which includes following topics is submitted.
(1) Challenges on both agricultural extension activities in your country and your own duties.
(2) Expectation,skills and knowledge to be acquired through this training.

【Core phase】
Lectures,practices and observations for each unit are as follows.
(1) Curriculum for agricultural education,Participatory approach,Management education and theory,Agricultural high school,Agricultural extension center,Home project for farmer's school,Simulation of farmer's school,Planning of education curriculum.
(2) Chemistry (simple experiment by using chemical fertilizer,Biology(characteristics and processing of vegetable) ,Physics(measurement and statistics,Agrology(simple experiment for soil analysis).
(3) Agricultural cooperative for community development, Agricultural product-processing factory,Farmer's market,Agricultural high school.
(4) Formulation of extension plan(action plan) by using education curriculum.

【Finalization phase】
Action plan will be implemented and final report will be submitted within 6 months.

Program Period	2012 / 5/ 7 ～ 2012 / 6/ 8
Implementing Partner	Obihiro Univ. of Agriculture & Veterinary Medicine
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2012～2014
Remarks and Website	This program will be provided twice a year. Duration: 2013/1/14-2/16

Advanced Training Course on Foot and Mouth Disease
口蹄疫防疫対策上級専門家育成

Group 1280256
Trainers New
8 participants

Target Countries :

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language :English

Appeal

Using experiences involved in the countermeasures against the local foot and mouth disease (FMD) and highly pathogenic avian influenza (HPAV) outbreaks, University and research institutions in Miyazaki, which have plenty of experience in FMD countermeasures, will conduct a practical education and human resource development for preventive measures of epidemics, environmental measures, and stabilization measures of stock farming at one of the major stock farming fields in Japan.

Objective/Output	Target Organization / Group
【Objective】 To develop HR who are capable of: 1 risk management of epidemiology for transmission route/expansion, and planning counter/preventive-measures for an outbreak of a transborder malignant contagious diseases such as FMD, 2 planning environmental measures for the burial of culling carcasses, and 3 programing measures for stabilization after the outbreak. 【Objective for each unit】 Conducting preventive-measures of epidemics by experts; Constructing an international network for preventive-measures, and establishing a suitable preventive-measure for a country Conducting postgraduate education for veterinarians and livestock officials, and awareness program for general citizen Playing a leadership for conducting a stock farming rehabilitation after an outbreak of a transborder overseas malignant contagious disease such as FMD	Governmental organizations in charge of food sanitation management Universities, National institutes and Government administrative agencies that deal with transborder infectious diseases. University (lecturer and above), National institute (Laboratory chief and above), Government agency (subsection chief and above) A person who has experienced in education, research, or control of infectious diseases for more than 3 years. sufficient competency of spoken and written English

Contents

Lecture and practice for
1. infectious diseases, including advanced course for FMD,
2. epidemiology, risk analysis and preventive-measure (GIS preventive-measure system, Air biology),
3. diagnostics,
4. animal farming (feeding management, reproductive physiology, and herd examination
5. Site visit (Area of FMD outbreak, NOSAI, livestock hygiene service center, Meat inspection center, etc.);
6. Practice tour for disaster prevention (University of Miyazaki, Prefectural office of Miyazaki);
7. Practice tour for environmental-measure (Prefectural office of Miyazaki)
8. Development of Action Plan
9. Report to organization participants belong
10. Implementation of Action Plan
11. Hold workshop about Action Plan activities

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2012～2014
Remarks and Website	

Farmers Organization Water Management through Small Water Impounding Reservoir (Small Dam) for Asia and Africa
アジア･アフリカ地域　農家組織によるため池を利用した地域の水管理

Region-Focused　1284036
Trainers　Continuing
9　participants

Target Countries : Asia and Africa

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language :English

Appeal

This program is designed for engineers of small water impounding reservoirs to disseminate water management and reservoir maintenance to concerned people.

Objective/Output	Target Organization / Group
【Course Objective】 A practical Action Plan is made for dissemination in the participant's organization to improve skills and methods on water management and reservoir operation and maintenance of small water impounding reservoir (small dam) in order to secure water resource scarcity and increase water resource application efficiency. 【Expected Module Output】 1. To define current situation and challenges on water management and reservoir maintenance in small water impounding (small dam) reservoir. 2. To be able to explain the theoretical, technical and practical knowledge of civil engineering for water resource management, O&M and water allocation of small water impounding (small dam) reservoir. 3. To be able to explain the institutional framework of improvement projects for water resource management, O&M and water allocation of small water impounding(small dam)reservoir 4. To be able to explain ways of applying the learned techniques/methods on reservoir operation and water management for the participants' mother countries. 5. To be able to make an Action Plan and Technical Report to disseminate knowledge and skills *O&M; operation and maintenance	【Target Organization】:Government agencies in charge of planning, designing, construction, operation and maintenance of small water impounding reservoir (small dam) 【Target Group】: - a young technician/an extension worker working at mentioned above -Have more than 3 years' field experience in planning, designing and construction of small water impounding reservoirs and/or management of operation and maintenance of such reservoirs Essential condition ; Field Experience (except Researchers)

Contents		
【Preliminary Phase in home country】 Formulation and submission of Country and Job Report 【Core Phase in Japan】(Lectures, Practices, Field visit, Discussion and Presentation) 1. Presentation of the Country and Job Reports, The analysis of characteristics and current situation of Japan's water management and reservoir maintenance 2. Water resource management, Site visit for traditional reservoir facilities for water resource management etc. 3. Legal and administrative structure for reservoir maintenance, various reservoir operations, Kagawa water resource enhancement project and it's social, economical and technical impact, Site visit to Kagawa water resource enhancement project. 4. Case study for operation, maintenance and stock management of reservoir, Practice of a reservoir inspection technique of small water impounding (small dam) reservoir, Orientation of applying technologies and methods acquired in the Program through case studies 5. Workshop for making an Action Plan and Technical Report of acquired knowledge and skills 【Finalization Phase in home country】 The Action Plan and Technical Report are made a presentation in the participant's organization.	Program Period	2012 / 5/30 ～ 2012 / 7/1
	Implementing Partner	Kagawa Prefectural Federation of Land Improvement Associations (Midori-Net Kagawa)
	JICA Center	JICA Shikoku
	Cooperation Period	2010～2012
	Remarks and Website	

Agricultural Mechanization for Central Asia and Caucasus
中央アジア･コーカサス地域 農業機械化システム

Region-Focused Trainers | 1284057 Continuing | 10 participants

Target Countries : Central Asia and Caucasus

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language :Russian

Appeal

This course aims to enhance participants' skills and knowledge on the maintenance of agricultural machinery and agricultural mechanization. JICA Tsukuba has its own workshop, and participants can understand the mechanism and performance of agricultural machinery practically. Moreover, participants can also learn cost analysis and simulation of introducing the machinery, rural community and farmers group for efficient utilization and maintenance of the machine, and sharing system of the machinery.

Objective/Output	Target Organization / Group
【Objectives】 Participants gain the knowledge and skills on management of farm machinery, association for farm machinery, planning/evaluation for mechanization and prepare technical proposal to solve problems that projects have. 【Expected Results】 Participants expect: 1) To understand the construction of farm machinery; 2) To understand the method of management for farm machinery; 3) To understand the method of planning of mechanization; 4) To obtain the technique of management for machinery; and 5) To prepare technical proposal in order to utilize farm machinery effectively	【Target Organizations】 Institution in charge of mechanization planning and maintenance for farm machineries 【Target Group】 1) Engineer or lecturer in charge of management of farm machinery or planning the policy of farm mechanization 2) A university graduate or an equivalent educational background

Contents		
【Preparation Phase】 Preparation of a draft Technical Proposal 【Core phase in Japan】 Understanding and acquisition of the following techniques, knowledge and methods [Lectures, Practice, Site visits] 1)Theory of agricultural machinery 2)Basic techniques of agricultural machinery 3)Selection and cost analysis of agricultural machinery 4)Relationship between agricultural society and techniques 5)Preparation and presentation of the Technical Proposal 【Posterior Phase】 Discussion and Finalization of Technical Proposal	Program Period	2012/12/ 2 ～ 2013/ 2/28
	Implementing Partner	NPO,International Farmers Participation Technical Net-work(IFPat)
	JICA Center	JICA Tsukuba(Training)
	Cooperation Period	2011～2013
	Remarks and Website	

Improvement of Income Generation in Villages by Processing of Agricultural Products / TICAD IV Follow-up
アフリカ地域 農産品加工による村落生計向上／TICAD IVフォローアップ

Region-Focused | 1284294
Trainers | Continuing
10 participants

Target Countries : Africa(English speaking country)

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language :English

Appeal

Income generation in farming village or community is crucial matter linked to improvement of livelihood in rural area. Processing of agricultural products could improve this situation not only for income generation but increasing of food stock for non-harvest time. This course offers role of local government and know-how of processing of agricultural products by learning many experiences in Japan to staff in charge of rural development and leader of farming village from each country.

Objective/Output

<Course Objective>
To extend village development and to begin processing of agricultural products in farming village or community based on the action plan.

<Objective for each unit>
(1)To understand basic food processing and acquire knowledge of food processing techniques.
(2)To understand organizational management, learn how to train individuals, and understand how to cooperate with administrative organizations.
(3)To understand basic distribution and marketing and be able to put into practice.
(4)To propose an action plan in order to improve the quality of life of agricultural communities with the processing of agricultural products.

Target Organization / Group

<Target Organization>Local government or agricultural organization
<Expected Job Title>Local government staff or related authority staff directly in charge of village development and leader of farming village
<Expected Job Experience>Local government staff with experience more than 5 years in the field of development works in village or community and leader of farming village actually with farming works in the village.
<Other Qualifications>Local government staff should communicate in English, and leader is better to understand in English.

Contents

【Preparatory Phase】
Each participant prepares country report to identify its issues

【Core Phase】
(1) Understanding food processing techniques and their advantages,Learning about measuring techniques and hygiene management,Learning about quality control and product control,Treatment and management of agricultural products,Improvement of daily life due to processing
(2) Formation and management of Farmers' Organizations,Training people who will lead the organization to success,Outline of operations with administrative organizations
(3) Learning sales techniques,Market research and product design
(4) Inception Report Presentation, Group discussion, Proposing Action Plan

【Finalization Phase】
(1) Within 3 months after completion of the course, every participant is requested to share its knowledge and experience in Japan at respective organization, then reports Action Plan progress to JICA

Program Period	2012 / 6 / 13 ～ 2012 / 7 / 28
Implementing Partner	Takikawa International Exchange Association
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	

Development and Marketing of Processed Agricultural Products for Better Living of Women in Farming Communities in Africa /TICAD IV Follow-up
アフリカ地域　農村女性の生活改善のための農産物加工品の開発及びマーケティング／TICAD IVフォローアップ

Region-Focused | 1284295
Trainers | Continuing
10 participants

Target Countries : Africa

Sector :Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language :English

Appeal

The training program is designed for the staffs of government, NGO or cooperatives that organize projects through improvement and marketing of added-value processed agricultural products for women in local area in Africa.

((Target Group)　/Extension worker, Vocational trainer etc.,　Disqualification:Administrators)

Objective/Output	Target Organization / Group
【Course Objective】: Action plan to disseminate knowledge and skills on development and marketing of added-value processed agricultural products for women in farming communities would be shared in Participating Organization. 【Expected Module Output】 1: To be able to explain knowledge and skills on women's empowerment by understanding case and history of vitalization of rural communities in Japan 2: To be able to understand a series of the process for making, packaging and sales on agricultural products by concerning food hygiene 3: To be able to explain knowledge and skills of Project Management through the case study of some Projects. 4: To be able to understand vitalization of rural communities by recognition of local resources 5: To be able to make an action plan	【Target Organization】: Government, NGO or cooperatives that organize projects for development and marketing of added-value processed agricultural products by improving food processing techniques at women in local area. 【Target Group】: -Extension workers and/or vocational trainers in the field of agricultural processed products directly at eligible/target organizations -at least a graduate of high school -at least 2 years' experience in the field Disqualification:Administrators

Contents		
【Preliminary Phase in home country】 Preparation of country/job reports before training 【Core Phase in Japan】(Lectures, Practices, Field visit, Hands-on training, Discussion and Presentation) 1:Country reports/jobs presentation,Contemporary life improvement, Roles of women 2:Agricultural processing and Packaging techniques,Improvement of food hygiene, Marketing 3:The case study of some Project, 4:Local Development (Field trip) 5:Formulation/Presentation of Action Plan 【Finalization Phase in home country】 Presentation and sharing of the action plan	Program Period	2012 / 8 / 29 ～ 2012 / 10 / 12
	Implementing Partner	OISCA Shikoku Training Center
	JICA Center	JICA Shikoku
	Cooperation Period	2011～2013
	Remarks and Website	Website http://www.oisca-international.org/

Participatory Irrigation Management System for Paddies for African Countries / TICAD IV Follow-up
アフリカ地域 農民参加型用水管理システム／TICAD IVフォローアップ

Region-Focused Solution | 1284302 Continuing

Target Countries : Countries introducing irrigation agriculture for paddies | 8 participants

Sector : Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language : English

Appeal

"Farmers' Participation" for irrigation management is considered essential not only for efficient management and maintenance of irrigation facilities, but also for an effective use of water resources, pursing the improvement of agricultural productivity as well as farmer's income generation, and thus contributing to achieve the whole communities' development and stability. This training program aims to strengthen trainees' capacities for improving the irrigation management system in respective country/area, through making them understand the experiences and know-how of the successful Land Improvement District (LID) which is a water user's association in Hokkaido.

Objective/Output	Target Organization / Group
【Objective】 Participant's organizations officially discuss and formulate a plan to improve/strengthen irrigation management systems in respective country, based on the "Action Plan" proposed by the participants. 【Expected Module Output】 1. Analyze current issues/challenges regarding irrigation management system in the participant's county 2. Understand the system of "Participatory Irrigation Management (PIM)" in Japan 3. Understand the relationship between other relevant actors and LIDs 4. Consider suitable system of participatory irrigation management for respective country/area, and propose a feasible plan to improve/strengthen the irrigation management system as an "Action Plan"	<Target Organization> Central/local governments in charge of irrigation management <Expected Qualification> 1. Government officials in charge of irrigation management in the central/local governments 2. More than three (3) years' experience in the relevant field 3. Competent language skill in English (spoken and written)

Contents

【Preliminary Phase】 Preparation of Inception Report

【Phase in Japan】
The themes to be covered in this program are as follows:
(1) Irrigation management system, irrigation policies and administrative structure in Japan
(2) Roles and functions of LIDs (organization, management system, accounting, irrigation facilities, irrigation techniques, etc.)
(3) Water management done by farmers and subordinate organizations
(4) Roles of relevant organizations such as agricultural cooperatives and the Federation of Land Improvement Association
(5) Discussion on the sustainable system of participatory irrigation management for respective country/area
(6) Preparation and presentation of an "Action Plan"

【Finalization Phase in participant's home country】
Discussion on the "Action Plan" prepared by the participants in the participant's organization (within one (1) month) and submission of "Progress Report" (within three (3) months)

Program Period	under planning
Implementing Partner	Taisetsu Land Improvement District
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	

13.Nature Conservation

Conservation and Sustainable Management of Mangrove Ecosystems
マングローブ生態系の持続可能な管理と保全

Group 1280015
Trainers Continuing
6 participants

Target Countries : Countries and regions where mangroves are distributed

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

This program is designed for person who is engaged in conservation, rehabilitation and management of mangrove ecosystems to acquire necessary knowledge and skills.

Objective/Output	Target Organization / Group
To share the knowledge and techniques for conservation, rehabilitation and management of mangroves and integrated coastal ecosystems with the organizations engaged in this field. (1)Participants can acquire knowledge of the main roles and functions of mangrove ecosystems and explain the importance of conservation, effective ways of monitoring, and utilization of mangrove resources, including ecotourism. (2)Participants can acquire the basic knowledge of plant taxonomy, forest ecology, and nursery/plantation techniques that can be applied when collecting seedlings/propagules and raising and managing nurseries in the participants' home countries. (3)Participants can learn the integrated relation of mangrove ecosystems to their neighboring seagrass bed and coral reef ecosystems, and explain the necessity for the conservation of integrated coastal ecosystems as a whole in their countries. (4)Participants can acquire basic techniques used for producing promotional or educational materials, and improve their skills in preparing presentations and formulating action plans to share their knowledge and the techniques applicable in the participants' home countries. (5)Action plan drawn up in Japan on conservation, rehabilitation and/or management of mangrove and coastal ecosystems is introduced and approved in participating organization.	[Target Organization] Governmental organizations or NGOs involved in conservation, rehabilitation and management of mangroves and coastal ecosystems. [Target Group] (1)Be presently working in the field of conservation/rehabilitation of mangroves as a leader (or an expected leader). (2)Have more than three(3)years of experience in the above mentioned field. (3)Be between 25 and 40 years of age. (4)University graduate or equivalent. (5)Have a good command of English (6)Healthy in both physically and mentally (7)Not be served in military

Contents		
<Activity in Preliminary Phase in home country> Formulation of Country report which describes the present situation of mangrove ecosystems in the participants' countries and roles of their organization. <Activity in Core Phase in Japan> This program consists of lectures, field work, observation tours, and discussion. (1)Importance of mangrove forest as a coastal ecosystem, Introduction to mangrove ecology, Method of phytosociology, Remote sensing, Environmental education (2)Mangrove reforestation and regional development, Identification of mangrove plants, Mangrove in Miyako-island, Mangrove reforestation cases in the world (3)Introduction to the coral reef ecology, Shallow water fisheries resource management, Ecosystem in tropical seagrass bed (4)Developing presentation skills and materials, Photography techniques, Formulation and presentation of action plans and project proposals <Activity in Finalization Phase in home country> (5)Share and discuss, modify the action plan in respective organizations	Program Period	2012 / 5 / 23 ～ 2012 / 8 / 11
	Implementing Partner	International Society for Mangrove Ecosystems
	JICA Center	JICA Okinawa
	Cooperation Period	2010～2012
	Remarks and Website	

Environmental Education for Sustainable Development -Conservation of Coastal Ecosystems for Lives of Local Communities-
持続可能な開発のための環境教育-沿岸生態系と住民生活の保全-

Group Trainers | 1280031 Continuing | 10 participants

Target Countries : Tropical and subtropical countries with coastal lines

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

This course is designed for those who practice or promote environmental education to acquire necessary knowledge and skills for the better conservation of coastal ecosystems and livelihood of the communities

Objective/Output	Target Organization / Group
[Course Objective] To understand the importance of coastal ecosystems and relationship between lives of local communities, and to share the knowledge and techniques to promote EE(Environmental Education) effectively for sustainable development of coastal ecosystems, with the organizations engaged in planning, promoting and implementing the EE. [Expected Module Output] (1) Understand and explain roles, functions and importance of mangroves and integrated coastal ecosystems, ways of sustainable utilization and their linkages to the lives of local communities. (2) Understand and explain what is EE in comparison with other educational models. (3) Understand and demonstrate simple methods of monitoring coastal ecosystems; to be able to explain on the differences and issues of traditional and modern ecotourism. (4) Formulate an action plan on how to share the knowledge and the techniques of EE for sustainable development. (5) Report the action plan formulated in Japan at respective organizations, and the report will be accepted in the organizations.	[Target Organization] Governmental organizations, educational institutions and NGOs involved in environmental education [Target Group] (1) Be involved (currently or possibly in the near future) in planning or promoting environmental education. (2) Have more than two (2) years' practical experience in the above field. (3) University Graduate or Equivalent (4) Have a good command of English (5) Healthy in both physically and mentally. (6) Not be served in military. (7) Age:Desirable to be between 24 and 35 years of age.

Contents		
<Activity in Preliminary Phase in home country> Formulating a Job Report describing the present situation of environmental education in the participants' countries, and participants' detailed work and roles of their organization. <Activity in Core Phase in Japan> (1) Coastal ecosystems (coral reef, sea grass bed), Reptile and malacology in coastal ecosystems, Fishes and environmental issues (2) Outline of EE, Introduction of community-based project and the lessons, Pollution Disease and regional revitalization in Minamata, Regional revitalization (3) Ecotourism in Japan, Research and monitoring method of phytosociology, ecotourism as a tool of EE and community development (4) How to write practical action plan, Methodologies for effective presentation, Writing an action plan <Activity in Finalization Phase in home country> (5) Share and discuss, modify the action plan in respective organizations	Program Period	2012 / 9/19 ～ 2012 /11/3
	Implementing Partner	International Society for Mangrove Ecosystems
	JICA Center	JICA Okinawa
	Cooperation Period	2010～2012
	Remarks and Website	

Capacity Development of Carbon Budget Measurement of Tropical Forests to React Climate Change
気候変動対策に向けた熱帯林炭素量の計測技術のキャパシティ向上

Group 1280048
Trainers Continuing
7 participants

Target Countries :

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

The program is designed for the staff of organization in charge of environment/forest management for disseminating knowledge and skills on carbon budget measurement of tropical forest among his/her colleagues and to enhance forest carbon management initiative of developing countries locally and internationally.

Objective/Output

【Course Objective】
Participants' organization finalize the action plan of disseminating knowledge and skills in forest carbon accounting and climate change mitigation on the basis of participant's training in Japan and Indonesia.

【Expected Module Output】
1: To introduce the country and its forest status.
2: To be able to explain global warming and deforestation.
3: To be able to explain concepts and concerns regarding forest ecology, physiology and forest carbon budget.
4: To be able to practice reforestation and carbon stock and budget measurements.
5: To be able to make and share action plan to disseminate knowledge and skills acquired through this program in own organization.

Target Organization / Group

【Target Organizations】
Research institution, government ministries and agencies involved with environment and forest management

【Target Groups】
-Researchers/technicians/policy makers working in research institution or governmental agencies in charge of environment and forest management
-Those who have more than 5 years of practical experience in the relevant field
-Counterpart of JICA project will be prioritized

Contents

【Preliminary Phase in home country】
Preparation of inception report on policies and problems of forest management in own country.

【Core Phase in Japan】
(Lectures, Case study, Practices, Field visit, Discussion and Presentation)
1: Presentation and discussion of inception report.
2: Lecture and discussion on trends in climate change, deforestation, global warming and condition of world forests.
3: Lecture and discussion on forest ecology, physiology and bio-geo-chemical carbon cycle.
4: Practice for reforestation, carbon stock and budget measurement.

【Third Country(Complementary) Phase in Indonesia】
Practical Training of reforestation and carbon budget measurement.
Making an action plan.

【Finalization Phase in home country】
Revise and finalize the action plan and submit the final version to JICA overseas office with recognition of director of participant's organization within 4 months after the training program.

Program Period	2012 / 6/27 ～ 2012 / 7/23
Implementing Partner	Faculty of Agriculture, Ehime University
JICA Center	JICA Shikoku
Cooperation Period	2010～2012
Remarks and Website	Complementary phase in Indonesia (from July 23rd to July 31st) after core phase in Japan. URL; http://www.ehime-u.ac.jp/english/index.html

Remote Sensing of Forest Resources (Basic)
森林リモートセンシング(基本)

Group 1280113
Trainers Continuing
15 participants

Target Countries : Countries for grant aid of "The Forest Preservation Programme"

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

There are not sufficient systems or personnel in many developing countries so that they cannot investigate the forest resources, which is a basic information for REDD. Therefore, it is important to use remote sensing which provide an extensive information of forest resources efficiently and effectively. This program will support the REDD-related activities for them by the Japanese technology of the remote sensing of forest resources.

Objective/Output	Target Organization / Group
<Course Objective> Participants are expected to acquire the basic skills and knowledge for using remote sensing with the aim of understanding forest resources in their own countries on the basis of international discussion of REDD. <Objective for each unit> 1.To overview the present situation and issues of forest management in their own countries 2.To acquire the current knowledge about the REDD using a remote sensing 3.To learn about the basic theory and skills of remote sensing 4.To acquire the knowledge and technique for the practical use of remote sensing of forest resources 5.To acquire the knowledge and technique for the practical use of GIS/GPS of forest resources 6.To formulate the practical Action Plan for solving their issues	<Target Organization>Forestry Department, Department of Environment and Natural Resources, REDD, Nature Conservation, Wildlife Management, <Expected Job Title>Technical officials and researchers who are engaging in the forestry management or REDD. <Expected Job Experience>Participants should have more than 3 years of practical experience in the relevant field. <Others>Personnel who can operate PC, have a sufficient English ability and enough strength left to go through in the field.

Contents		
1. Formulation, submission and presentation of the Country Report 2. International methodology such as IPCC guideline to keep up with REDD 3. Earth observatory satellites, basic theory of remote sensing, Characteristics of electromagnetic wave, Spectral Reflectance 4. Case study of remote sensing 5. Image processing of satellite images using a PC 6. Calculation of various index models of vegetation 7. ALOS/PALSAR usage for the forest mapping 8. Basic usage of GIS/GPS 9. Satellite images/Data Acquisition for GIS in the open-air 10. Space Analysis using GIS 11. Formulation of Action Plan(Proposal) for understanding the forest inventory in their own countries using remote sensing	Program Period	2012 / 7/ 3 ～ 2012 / 8 / 18
	Implementing Partner	Rakuno Gakuen University
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2011～2013
	Remarks and Website	

Capacity Building for National Forest Monitoring System to Promote REDD
国家森林モニタリングシステム整備のための人材育成

Group 1280152
Trainers Continuing
12 participants

Target Countries : Countries plan to be equipped with hardware and software for NFMS

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

National Forest Monitoring System (NFMS) is urgently needed in developing countries to promote REDD-plus mechanism. This training course provides technical knowledge and institutional design for the development of NFMS.

Objective/Output

<Course Objective>
To build capacity for the development of NFMS based on technical knowledge on data collection to estimate forest carbon stock change and GHG emissions/removals.

<Objective for each unit>
Participants will be able to...
1. understand international framework against climate change in forestry sector (REDD and A/R CDM) .
2. find out required NFMS in their country through the analysis of Japan and other countries' NFMS.
3. estimate forest carbon stock change and GHG emissions/removals through the field work to survey forest resources.
4. explain GPS, GIS and remote sensing technology and its application to estimate forest carbon stock change and GHG removals.
5. make draft plan of NFMS and it's action plan for his/her home country.

Target Organization / Group

Public Agents, Universities, Agricultural research institutions, etc.

Contents

<Preliminary phase>
Submission of Country Report

<Core phase in Japan>
1.Basic rules of climate change measures in forestry sector, LULUCF, A/R CDM, REDD-plus.
2.Japan's NFMS, forest carbon stock change and GHG emissions/removals. Estimation methods using database, yield table, GIS and field survey of Permanent Sample Plots.
3.Forest resources survey technique: field measurements, measurement plots, destructive sampling of tree biomass, biomass regression equations, etc.
4.Remote Sensing using aerial photos and satellite imagery, GIS in Forest,GPS survey, land use and land use change, application to estimate forest carbon stock change and GHG removals.
5.Case study of NFMS. Approaches to develop NFMP. Draft plan of NFMS.Action Plan presentation.

<Finalization phase>
Make presentation or lecture in home countries to diffuse the knowledge gained through the program and to present Action Plan. Answer questionnaire about the progress of Action Plan.

Program Period	2012 / 5/13 ～ 2012 / 7/6
Implementing Partner	Japan International Forestry Promotion & Cooperation Center
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2011～2013
Remarks and Website	

Eco-tourism for Sustainable Use of Natural and Cultural Resources
自然･文化資源の持続可能な利用（エコツーリズム）

Group 1280756
Trainers Continuing
7 participants

Target Countries :

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

This program is designed to introduce ecotourism with public participation as a tool for the sustainable use of natural and cultural resources.

Objective/Output	Target Organization / Group
[Course Objective] Draft plans to introduce and disseminate ecotourism as a tool for sustainable regional development involving local residents for areas, where the introduction of ecotourism is expected, are formulated by the target organizations. [Expected Module Outputs] (1) To be able to understand and explain philosophy and measures related to ecotourism in the context of sustainable use of natural and cultural resources. (2) To be able to discuss plans to promote ecotourism in consideration of environmental conservation. (3) To be able to explain methods for establishing a network of locals and related parties. (4) To be able to formulate the Interim Report for introducing method of ecotourism .	[Target Organizations] Organization or NGOs of central/local government which is engaged in regional development by promoting the ecotourism for conservation of natural environment and cultural resources [Target Group] * Mid-level administrative officers or planner who promotes ecotourism. * Have more than two years experiences

Contents		
[Preliminary Phase in home country] Submission of Inception Report: Issue Analysis at target area/ protected area [Core Phase in Japan] (1) Management and operation of national parks in Japan, ecotourism measures in Japan, general theory of ecotourism, operation of facilities in natural parks and raising of public awareness. (2) Implementation of model ecotourism program to secure the conservation of natural and cultural resources. (3) Implementation of ecotourism programs in cooperation with communities, and establishment of a database (a phenological (topographic) calendar). (4) Discussion on the formulation of draft plans to introduce and disseminate ecotourism [Finalization Phase in home country] Submission of Final Report: Final drafts for introducing method of ecotourism and plan for its dissemination within six months after returning home country.	Program Period	2012 / 8 / 20 ～ 2012 / 10 / 3
	Implementing Partner	Kushiro International Wetland Center (Kushiro City)
	JICA Center	JICA Hokkaido (Obihiro)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.kiwc.net/english/main.html

Various Forest Conservation with Community Participation
地域住民の参加による多様な森林保全

Group 1280919
Trainers Continuing
14 participants

Target Countries :

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

This program is designed for forest management organization to carry out forest conservation through a variety of activities based on community participation.

Objective/Output	Target Organization / Group
[Course Objective] The methods of dissemination and teaching necessary to carry out forest conservation projects with community participation will be shared with related departments in the target organization. [Expected Module Outputs] (1) To be able to explain techniques to generate effective results from various forest conservation with community participation. (2) To be able to practice approaches to ascertain the effectiveness of forest resources and forests. (3) To be able to explain the roles of forests in biodiversity conservation. (4) To be able to practice activities with knowledge and skills acquired in the area of forests and forestry.	[Target Organizations] Forest management organizations in public sector [Target Group] (1) Extension officer on forest conservation. (2) Current duties: have general knowledge about forestry science and related basic knowledge about forest management, with more than 3 years of experience in related area. (3) In good health, both physically and mentally. (4) not be pregnant, as this program includes field exercises.

Contents		
[Preliminary Phase in home country] Prepare the Inception report which includes organization chart and facing issues and problems. [Core Phase in Japan] Following lectures, practical exercises, observations and discussions are provided. (1) Current situation and challenges in Japan, local administration, Japan's cooperation, community based forest conservation, participatory approach. (2) Estimation of forest resources, forest establishment, sustainable use of forest resources. (3) Ecology and biodiversity of forests. (4) Dissemination systems and methods of forest management in Japan, the PCM method. (5) Interim report making, which includes practical action plan. [Finalization Phase in home country] Reporting in home country, authorize the Action plan and submit the Final report within 6 months after the training in Japan.	Program Period	2012 / 8/13 ～ 2012 /11/17
	Implementing Partner	Japan Overseas Forestry Consultants Association
	JICA Center	JICA Hokkaido (Obihiro)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.jofca.or.jp

Reinforcement of the Means of Implementation for "Sustainable Forest Management (SFM)"
持続可能な森林経営のための実施手段の強化

Group 1280968
Solution Continuing

Target Countries :

16 participants

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

This program is designed for staff in charge of forest management and coordinator for rural area to implement suitable and organizational action for SFM.

Objective/Output	Target Organization / Group
・Participants start working with his/her organization to create a consensus among the concerned parties for formulation of the suitable and feasible program for each country on SFM. ・Participants will be able to explain the global efforts, framework, criteria and indicators on SFM, and be able to describe domestic issues to promote SFM. ・Participants will be able to draw up concrete measures for SFM in their countries. ・Participants will be able to draw up action plan to implement the concrete measures taking into account cooperation with relevant organization such as international organization and NGO. ・Participants will be able to make up the feasible proposal according to the action plan. ・Participants will be able to make sufficient materials to implement action plan by his/her organization.	<Target Organization> Central government staff responsible for policy planning and local government / organization staff in charge of project implementation

Contents		
On the basis of knowledge acquisition on the global efforts, framework on SFM, participants see the picture of their own progress on SFM. Participants can also enrich their understanding through the discussion among them. Through study tour and lectures, participants grasp the visual image and idea for enhancement SFM with criteria and indicators in their countries. These will help drawing up concrete measures for SFM in their countries. Through lectures and study tour, participants get more understanding of actual schemes adopted by international aid agency, NGO and private company. Utilizing the acquaintance, participants draw up feasible action plan. Through a case study method, participants make up feasible proposal to his/her organization. Several drills and discussions support enhancement of feasibility efficiently. Through lectures and case study method, participants prepare supportive materials to have the action plan be feasible. These materials also can be utilized for dissemination to the relevant parties such as rural people, NGO and international aid organization.	Program Period	2012 / 8 / 26 ～ 2012 / 11 / 3
	Implementing Partner	Forestry Agency
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Forest and Watershed Conservation with Participatory Approach
参加型アプローチによる森林･流域保全

Group 1280970
Solution Continuing

Target Countries :

6 participants

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

To develop planning capacity on participatory forest and watershed conservation project involving various stakeholders as administration bodies and local people.

Objective/Output	Target Organization / Group
[Objectives] The participant of a forest and watershed management office will propose an action plan for watershed conservation which involves various stakeholders in a certain area, and this office will study the action plan and the possibilities of the project based on the plan. [Expected Results] (1)Participants examine applicability factor after comparing with policies and institutions of forest and watershed management between Japan and his/her country, as well as can explain the examination results. (2)Participants can explain roles of forest soil for water and soil conservation and its adverse effects when the forest soil is lost. (3)Participants can understand functions of forest and explain main technology to increase forest functions of water and soil conservation, as well as can propose applicable ideas for his/her countries. (4)Participants can explain role of watershed conservation project in forest area as a countermeasure for climate change and can explain effects to be expected from the project etc.	<Target Organization> Public administrations in charge of forestry or forest management <Nominee Qualification> (1) To be engineers engaged in practical services in either administrative organizations or NGOs in charge of forest/forestry, and to be expected to play a leading role (2) To have 5 to 10 years of working experience in the field (3) To be in good health, both physically and mentally to undergo the program

Contents		
[Preliminary Phase] Formulation of the Country Report [Core Phase] Forest and forestry in Japan, Forest planning and watershed management in Japan, Comparison and examination of policies and institutions between Japan and his/her countries, international cooperation in forestry sector in Japan, Formation,nature and conservation function of forest soil, Forest soil in Japan and world, Forest soil profile study, Soil types on different topography and different geology, Vegetation and soil, Forest structure and its function, Land use type and water quality/hydrology Forest improvement for water and soil conservation function, Outline of erosion control project and erosion control works, Outline of usage of IT technology for forest conservation , Relation between forest and climate change, Outline and framework of measures in forestry sector for climate change etc. [Finalization Phase] Discussion and examination of draft Action plans within participants' departments/organizations (Discussion with related persons) and formulation of a report.	Program Period	under planning
	Implementing Partner	JAFTA
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Information Management Technology for Land Use and Natural Resources Analysis
土地利用と自然資源分析の情報管理技術

Group 1280987
Trainers Continuing
8 participants

Target Countries :

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

Open-source GIS software (FOSS-GIS) is taught and it is disseminated in the developing countries to be used for land use planning and/or natural resources analysis.

Objective/Output

【Purpose】
Trainees will become to be able to use free and open source software (FOSS-GIS) GRASS, web-mapping, etc. in their work and the technology will be shared in their institutions.

【Module (outputs)】
(1) Present status of land use and natural resources of his/her country will be clarified and the subject for case study in Japan will be selected.
(2) Basic theory and techniques of FOSS-GIS and remote sensing will be acquired by using GRASS.
(3) Global positioning figures by GPS will be displayed on the map and analyzed by GRASS, then, techniques for data sharing through internet will be acquired by using Map-server technology.
(4) GIS-applied studies in Japan will be taught and trainees will work on their own projects as case studies and share the results among trainees. Action Plan is formulated
(5) Action Plan is implemented and the acquired technologies will be shared in the organization of the participant

Target Organization / Group

【Target Organization】
Central/Local Governmental Organization, University, Institute which is involved with land use/natural resource analysis

【Target Group】
(1) Researchers, administrative officers, technicians who is involved with the study / instruction of land use, natural resource analysis
(2) Those who have experience in this field of more than 5 years.
(3) Those who uses/has experience to use commercial GIS software
(4) Those who has basic skill to use PC.

Contents

【Preliminary Phase in the participant's home country】(July 21 - August 20)
Formulation of Country & Job Report

【Core Phase in Japan】 (August 21 - September 22)
Lecture, Practice, Observation, and Discussion on the following subjects.
(1) Lecture: Basic theory and techniques of FOSS-GIS technology and Remote Sensing / Practice: Install and use of GRASS, analysis of satellite data and graphic display by GRASS
(2) Lecture: Basic theory and use of GPS and techniques of Map-server / Practice: Use of GPS and analysis by GRASS. Obtaining data set and data sharing through internet / Study: Good practices regarding to land use and natural resources analysis of Japan / Practice: Case study by each trainee and data sharing of the results among trainees
(3) Others: Preparation of the Action Plan

【Finalization Phase in the participant's home country】 (September 23 - December 22)
(1) Approval of the Action Plan by the organization the participant belongs to
(2) Submission of Progress Report

Program Period	2012 / 8 / 21 ～ 2012 / 9 / 22
Implementing Partner	Nagoya University International Cooperation Center for Agricultural Education (ICCAE)
JICA Center	JICA Chubu
Cooperation Period	2010～2012
Remarks and Website	

Integrated Basin Management for Lake Environment
湖沼環境保全のための統合的湖沼流域管理

Group 1280988
Solution Continuing

Target Countries :

10 participants

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

Participants will understand the importance of "Integrated Lake Basin Management (ILBM)", for the management of lakes and reservoirs, which aims at integral pursuit of six issues - Institutions, Policies, Participation, Technologies, Knowledge and Information, and Finance.

Objective/Output

[Program Objective]
For the participants to become adequately knowledgeable about the fundamental of lake basin management, and to become able to play a major catalytic role in developing the needed governance framework.

[Expected Module Output]
<Preliminary Phase>
0) Participants will prepare a preliminary report and questionnaire about the management of the lake basin they are in charge of.
<Core Phase in Japan>
1) Participants will share difficulties and challenges to realize what to learn in this course.
2) Participants are able to explain the resources of lakes and their utilization
3) Participants are able to explain the challenges of governance in the field of Lake Basin management in general and in their respective country.
4) Participants are able to propose a draft Action Plan, to solve the problems/challenges which participants' organizations are facing, by properly integrating the components of the ILBM framework.
<Finalization Phase> 5) Draft Action Plans are shared and discussed by the participating organization.

Target Organization / Group

1) Technical officer in charge of lake/wetland water management (including management of rivers flowing into such water bodies) who are expected to assume executive administrative posts in that field or researchers in water quality and ecosystem management who are expected to take leading roles in guiding the lake/wetland management programs in their country

2) Experience: more than 3 years' experience in the field

3) Age：25 -40 years of age

4) Language： have a competent command of spoken and written English

Contents

[Output 0-1]
- Preparation, presentation and discussion of Country Report
[Output 2]
a) Share information about the State of Lakes: ILBM introduction, Water Purification of Lake Suwa
b) Biophysical Characteristics: Lake Biwa Museum, Basic Limnology and Eutrophication of Lake
c) Human use of Lakes: Specialties made of local reed, Economics of Lake Basin
[Output 3]
a) Institutions: Lake Biwa Environmental Research Institute
b) Incentives and Regulations: Lake Basin Management Policies and Institutions
c) Involving People: Accommodating for Stakeholder Interests and Restoration of Resource Values, Environmental NGO's Activities, Environment Conservation and Citizen Participation
d) Technological Response : Biwa Lake Construction Work Office and Seta River Weir, Role of Irrigation and Agriculture in Lake Basin Management
e) Information : ESD and Environmental Education, Basic GIS training, Remote Sensing for ILBM
f) Finance: Payment for Ecosystem Service, Financial Supply for Lake Management
[Output 4-5]
- Preparation, presentation, discussion, sharing and improvement of Action Plan

Program Period	2013 / 1/14 ～ 2013 / 3/15
Implementing Partner	International Lake Environment Committee (ILEC)
JICA Center	JICA Kansai (II)
Cooperation Period	2010～2012
Remarks and Website	Website of ILEC: http://www.ilec.or.jp/eg/index.html

Environmental Education Focused on Fresh Water Environment -for Tertiary Level Teaching Staff-
水環境を主題とする環境教育

Group 1280991
Trainers Continuing
10 participants

Target Countries :

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

The training aims at diffusion and development of environmental education (EE) with a focus on water environment in participating countries through the training about framework, contents, methodologies of EE with case studies and site visits. This program offers the EE program focusing on the fresh water environment and water pollution problems, but not seawater environment and/or water shortage problems.

Objective/Output	Target Organization / Group
[Program Objective] To implement the action plan for solving problems and issues of the participating countries/ organizations based on the final report prepared in Japan [Expected Module Output] 1. To understand the concept and theory of EE through country report presentation, basic lectures on environmental problems, visits to sanitation facilities in Japan and lectures on concept and principle of EE. 2. To acquire the ability to develop the curriculum of EE through lectures and practices. 3. To prepare a draft action plan reflecting the situation of the participating countries through information exchange among participants and private guidance by lecturers.	1) University/ college lecturer or the equivalent * This course is focused on primary and secondary education 2) University/College lecturers or equivalent, engaged or expected to be engaged in environmental education 3) have more than 3 years' experience in the field of EE 4) Age： under 40 5) English: have a competent command of spoken and written English which is equal to TOEFL 70 (iBT) or more

Contents		
[Output 1] - Preparation and presentation of Country Report - Basics of environmental problem: pollution experience of Lake Biwa, basics of environmental problems (environmental economics, citizen participation, air pollution), lake ecology - Sanitation facilities in Japan: drinking water/ sewage treatment, solid waste treatment - Concept and principle of EE: introduction and practical research of EE, ESD and EE [Output 2] - Contents and texts of EE: education system in Japan, Double-bind theory and EE, EE methodology, lake environment practice, awareness of environmental citizenship, agriculture and forestry and EE - Development of EE - Know how of international EE diffusion: dioxin problem in Vietnam - Network with citizen- school- government: Lake Biwa Museum, Oba River Exploration, citizen participation, lectures and interaction with school teachers, participation in classes of Japanese schools [Output 3] - Preparation and presentation of draft Action Plan: lecture by participants, Action Plan (individual discussion, evaluation, preparation and presentation)	Program Period	2012 / 8 / 20 ～ 2012 / 10 / 12
	Implementing Partner	International Lake Environment Committee (ILEC)
	JICA Center	JICA Kansai (Ⅱ)
	Cooperation Period	2010～2012
	Remarks and Website	Website of ILEC: http://www.ilec.or.jp/eg/index.html

Criteria & Indicators (C & I) and Forest Certification for Asia and Latin American Countries
アジア･中南米地域　C&I森林認証

Region-Focused　1284191
Leaders　Continuing
12　participants

Target Countries : Asia and Latin American Countries

Sector :Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language :English

Appeal

This program aims at assisting capacity development in order to strengthen the sustainable forest management by utilizing C &I and forest certification system.

Objective/Output	Target Organization / Group
【Program Objectives】The Action Plan (A/P) propose in Japan by participants for development of C&I and forest certification system to enhance sustainable forest management in the respective participants' countries is shared in the participant' belonging organizations. Within three months after the completion of the program in Japan, each participant's belonging organization reports the progress of A/P to JICA. 【Expected Modules Output】 (1) To define present condition and issues of sustainable forest management in participants' respective countries. (2) To obtain basic knowledge and latest information on global trend of C&I and forest certification. (3) To develop a better understanding of good practices pilot in Japan. (4) To acquire practical knowledge on planning, implementation and monitoring of C&I and forest certification in participants' respective countries. (5) To draft A/P based on the acquired knowledge and experience in the training.	Administrative officials or researchers engaged currently or soon to be engaged in C&I or forest certification.

Contents		
【Preliminary phase in participants' home countries】 Preparation of Inception Report on the present situation and problems to be solved 【Lecture】 World trend on Forest Management, Outline of C&I and Forest Management, ITTO Process, Montreal Process, Forest certification system, leveling system, Certified timber, Certified forest products, MAR(Monitoring, Assessment and Reporting etc. 【Site Visit and Presentation】 Case study of forest management with forest certification system in Japan, Presentation of Country report and Action Plan 【Finalization Phase in a participant's home country】 Participating organizations produce final outputs by making use of results brought back by participants.	Program Period	2012 / 5 / 28 ～ 2012 / 7 / 5
	Implementing Partner	Hokkaido International Exchange and Cooperation Center
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2010～2012
	Remarks and Website	

Forest Resource Monitoring for French Speaking Countries Centering on Countries around Congo Basin
コンゴ河流域諸国を中心とした仏語圏アフリカ諸国　森林資源モニタリング

Region-Focused Solution | 1284353 New

13 participants

Target Countries : Francophone countries in Africa

Sector : Nature Conservation/Sustainable Use of Natural Resources

Sub-Sector :

Language : French

Appeal

This Program aims at setting out the problems and making concrete measures for the forest resource monitoring in order to realize sustainable forest management and poverty reduction in French Speaking Countries centering on Countries around Congo basin. This program is focused on the interaction between COMIFAC members and also conducted in French.

Objective/Output	Target Organization / Group
【Objective】 The participant from French bloc African countries including COMIFAC member nations understand the subject of forest resources monitoring of their own country through comparison with Japan and a foreign country, and elaborating plan/improvement plan for forest resources monitoring to be taken by their affiliation organizations. 【Objective for each unit】 The knowledge and technology about forest-resources monitoring are improved. Understanding of the importance and the practical use method of forest-resources monitoring is deepened Based on the example of Japan, the issues about forest-resources monitoring in their own country are overhauled and the concrete measure is elaborated.	Central and local government in charge of Forest Management Government officials in charge of Forest Management. With more than 7 years' experience in the field. University graduates or the equivalent have a sufficient command of speaking, listening and writing French.

Contents

Lecture and Inspection: Forest-resources monitoring(FRM) outline, FRM in Japan and Other Countries , Structure construction of FRM, Combined use of a satellite imagery and site reconnaissance, Calculation method of the amount of CO2 absorption, Viewpoints such as biodiversity conservation

Lecture and Inspection: Relationships between FRM and as follows. outline of international forest conservation/Management, Measures against a climate change such as REDD+,the index and standard of a forest management, Forest certification,the measure against illegal logging

Presentation and Discussions:the Country report(CR) preparation/presentation/discussion, Action plan(AP) making/presentation /discussion,Revising the AP with the affiliation organization and related organizations such as COMIFAC, Reporting revised AP to Japanese related organizations

Program Period	under planning
Implementing Partner	Under Plannning
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2012～2014
Remarks and Website	

Regional Development by Sustainable Use of Biodiversity
生物多様性を活かした地域開発

Group 1280014
Solution Continuing
7 participants

Target Countries :

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :Urban/Regional Development/Regional Development

Language :English

Appeal

Capacity Development for the Mid-level officials to promote the regional development focusing on conservation and sustainable use of biodiversity.

Objective/Output	Target Organization / Group
[Objective] Regional development plans which include the perspective of biodiversity conservation and its sustainable use are proposed in the respective cities. [Expected Outputs] 1. Current situation and issues on biodiversity in the respective cities are analyzed and grasped. 2. (the 1st year): Fields, issues and regions are prioritized for the compatible regional socioeconomic development with the local biodiversity. 3. (the 2nd year): Skills and know-how of the stakeholder's analysis and promotion of the participation are obtained. 4. (the 3rd year): Regional socioeconomic development plan considering local biodiversity is drafted. 5. Regional socioeconomic development plan is reviewed and revised through the dialogue with concerned organizations, local community and residents.	[Target Organization] Department / Division engaged in socio-economic development / environmental conservation in the government of core-city [Target Group] Administrative officer in mid-level who is in charge of socio-economic development and / or environmental conservation. Those who has experiences in this field more than 5 years. This course is designed on the assumption that mayor of the respective participant's city will partly join the course first year.

Contents		
[Preliminary Phase] Formulation of Inception Report [Core Phase] Lecture, Practice, Observation, and Discussion on the following subjects. 1. Basic knowledge, international trend on biodiversity / Local Resource Analysis / Prioritizing field, issue and region for the compatible regional socioeconomic development with the local biodiversity. 2. Skills and know-how of the stakeholders' analysis / Skills and know-how to promote the participation of the local residents in the elaboration of regional socioeconomic development plan 3. Drafting the regional socioeconomic development plan based on the outputs obtained in the 1st and the 2nd years. [Finalization Phase] Review and revision of the regional socioeconomic development plan drafted in Japan.	Program Period	2012 / 9 / 18 ～ 2012 / 10 / 20
	Implementing Partner	United Nations Centre for Regional Development
	JICA Center	JICA Chubu
	Cooperation Period	2010～2012
	Remarks and Website	

Wildlife Management Planning for Biodiversity Conservation by GIS and Remote Sensing
GIS･リモートセンシングを利用した生物多様性保全のための野生動物保護管理計画

Group 1280126
Trainers Updated
8 participants

Target Countries :

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :

Language :English

Appeal

Participants will learn analysis of present situation and its changes on land use and human activities by GIS and remote sensing and method of biological survey so that they can apply those information to formulate plan for solving friction between humans and wildlife and consensus building among residents.

Objective/Output	Target Organization / Group
[Program Objective] To be able to review the setting of protected area, to formulate the plan of wildlife management for biodiversity conservation and to implement countermeasures to eliminate friction between wildlife and humans by understanding scientifically present situation in focused area. [Expected Module Outputs] (1)To be able to acquire basic techniques/ideas of GIS, remote sensing, and database, (2)To be able to acquire techniques/ideas of wildlife survey and monitoring, (3)To be able to make a proposal on countermeasure on human wildlife conflicts and be able to review protected area understanding current status on the area by means of the techniques acquired (1) and (2), (4)To be able to utilize the knowledge acquired (1) and (2) for consensus building among citizen and environmental education.	[Target Organization] Public institution or NGO related to nature conservation [Target Group] Official workers responsible for nature conservation management with more than three years of experience

Contents		
[Preliminary Phase in home country] Submission of Inception Report: Outline of biodiversity conservation, organization chart, preferential solution creation, actual condition of GIS usage, monitoring survey, possessed data which might be used for biodiversity conservation planning. [Core Phase in Japan] Lectures, practices, field visits and discussions which cover below are provided: (1)Basic techniques and ideas on GIS and remote sensing, data processing, display and analytical method (2)Survey and monitoring method for present situation/causes on human wildlife conflicts, the result data processing by GIS (3)Basic techniques and ideas on establishment of protected area by GIS, (GAP analysis etc) and idea/method of biodiversity evaluation, data processing by GIS for share and accumulation on information related to nature conservation and survey data, (4)Idea and techniques of Sharing data/information with residents, consensus building, environmental education, database for data sharing and awareness Formulation of Action Plan for the formulation of project [Finalization Phase in home country] Submission of Final Report:Proposal of project within one year after returning home country	Program Period	2012/10/ 1 ～ 2012/12/8
	Implementing Partner	Under Planning
	JICA Center	JICA Hokkaido (Obihiro)
	Cooperation Period	2012～2014
	Remarks and Website	Supplemental training (third-county)program is under planning following core phase in Japan.

Promotion of SATOYAMA Initiative: Biodiversity Conservation and Community Promotion through the Sustainable Management of Natural Resources
持続可能な自然資源管理による生物多様性保全と地域振興～「SATOYAMAイニシアティブ」の推進～

Group Trainers | 1280138 Continuing | 15 participants

Target Countries :

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :

Language :English

Appeal

In the rural area of Japan people live under the complex ecosystems and manage their life considering the preservation of native environment. People manage forest, rice paddies in cooperation with community. People call the area "SATOYAMA", and such way of life will be useful to another country for sustainable development and promoting the rural area. This course will offer the practical idea of biodiversity conservation and community promotion.

Objective/Output	Target Organization / Group
【Course Objective】 Learning from the case of biodiversity conservation and sustainable use of natural resources with broad participation of stakeholders in SATOYAMA, participants will have an idea and make action for their community promotion from the viewpoint of reconciliation between nature conservation and livelihood promotion. 【Objective for each unit】 (1)Basic understanding of SATOYAMA landscape, SATOYAMA Initiative and related policy (2)Understanding of concept and information on conservation and use of biodiversity in SATOYAMA (3)Understanding of community promotion through the sustainable use of natural resources (4)Understanding of conservation and use of natural resources deep-rooted indigenous traditional culture (5)Being able to propose the direction of rural community promotion considering the culture of the area and sustainable use of natural resources	<Target Organization> national / local governmental agencies and other organizations related to nature conservation and community promotion <Expected Job Title> Administrative officer of state or local government and related organization staff, concerned to nature conservation and community promotion <Expected Job Experience> Personnel who have more than five years' experience in this field

Contents		
【Preparatory phase in home country】 Preparing the country report on rural promotion, condition of rural area and the issue there for own country 【Case study and Observation】 Lecture, Practice, Observation and workshop are provided for the following contents. (1)Workshop on condition of each country in the field of rural development and nature conservation (2)Concept, history and present condition of SATOYAMA area(rural area) in Japan (3)System, stakeholders, concerning persons and organization of rural promotion and preservation (4)Issue and action of rural promotion (including direct communication with local people) (5)Producing and presentation of action plan by each participant 【Finalization phase in home country】 (1)Report to the concerning persons and sharing the achievement of the program with them (2)Revising the action plan for practice and making action (3)Report to JICA on practice	Program Period	2012/10/15 ～ 2012/11/17
	Implementing Partner	Under Planning
	JICA Center	JICA Hokuriku
	Cooperation Period	2011～2013
	Remarks and Website	

Conservation and Sustainable Use of Coral Reefs and Other Coastal Ecosystems
サンゴ礁をはじめとする沿岸生態系の保全とその持続的利用に関する総合研修

Group 1280271
Solution New

Target Countries : Countries in Asia, Oceania, Africa and Caribbean Regions

8 participants

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :Nature Conservation/Sustainable Use of Natural Resources

Language :English

Appeal

To produce conservation and sustainable utilization of coast ecosystem(including Japanese coast), such as coral reef, lecture and exercise about conservation method for coast ecosystem and influence of primary industry,such as agriculture, on coast ecosystem ,and studying about method for an improvement of coast dwellers livelihood while ecosystem is maintaining

Objective/Output	Target Organization / Group
【Objective】 Participants of island nations which are facing various problems about poverty and living conditions will understand and learn about the necessity and importance of conservation and sustainable utilization of coastal ecosystem, and apply to their daily services. 【Objective for each unit】 Job report is submitted To understand ecology of coral and ecosystem of coral reef To understand coastal ecosystem To understand vulnerability and importance of conservation of coral reef and coastal ecosystem To understand load of agriculture and husbandry to waters To understand importance of coral reef in fisheries To understand importance of conservation by stakeholders, such as farmers To understand capabilities of ecotourism in a coastal zone To understand importance of participation to conservation of ecosystem Completion (progress) Report of the Action Plan is submitted	[Target Organization] Central or local governmental officers in charge of planning policies of nature conservation,national park, local development Members of NGO's whose activities is nature conservation and/or rural development. [Target Group] (1) Have more than 3 years of experience in this field. (2) University graduate or equivalent. (3) Have a good command of English in writing, listening and speaking. (4) Be in good health both mentally and physically.(As this course includes field works, pregnancy is regarded as disqualification) (5) Not served in any form of military service.

Contents		
<Preliminary Phase in the home country> Preparation of presentation materials Formulation of Job Report <Core Phase in Japan> Lecture and Field exercise about ecology of coral and ecosystem of coral reef, lecture about present condition and distribution of coral reef in the world Lecture and Field exercise about coastal ecosystem Lecture about vulnerability of ecosystem of coral reef and coastal ecosystem, relation to climate change and evaluation of quality Lecture about effect of agriculture and husbandry to waters Lecture about relation between fisheries and coral reef, and interaction with fish Harvesters and fish Workers <Finalization Phase in the home country> Field exercise in the farm which is taken measures to prevent from erosion, and interaction with stakeholders such as farmers Lecture about ecotourism and sightseeing at coral reef and coastal zone, and interaction with ecotourism planners, and tourist agents and operators Lecture about consensus building among various stakeholders for conservation of coral reef (speaker: government officer or facilitator in charge of the meeting) Application and implementation of the action plan	Program Period	under planning
	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2012～2014
	Remarks and Website	

Sustainable Natural Resources Management through Japanese System of Natural Park
地域指定制公園管理を通じた持続的な自然資源管理コース

Group 1280272
Solution New

13 participants

Target Countries :

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :Nature Conservation/Sustainable Use of Natural Resources

Language :English

Appeal

This training provides practical knowledge and lessons on protected area management and natural resources management through community-based approach and private sector partnership approach in Japan's system of natural park.

Objective/Output	Target Organization / Group
【Objective】 Participants of training will understand unique Japanese system of protected area management and satoyama management which are based on consensus among various stakeholders such as communities and private sectors. Participants will apply knowledge and lessons learned from training in their own each country. 【Objective for each unit】 Understanding protected area management and SATOAYMA management in Japan Understanding natural resources management Understanding way of getting consensus among stakeholders Understanding environment education and communication Understanding and sharing current conditions in developing countries Acquiring skills and understanding method on problem/conflict solution Development of Action Plan	Ministry of the Environment Government Officer, NGO, private sectors in charge of natural resources management and protected area management more than five-years experiences in the field of natural resources management and protected area management

Contents		
Lecture: protected area management and SATOAYMA management in Japan Lecture: natural resources use and relations with relevant sectors (agriculture, fishery, tourism etc.) Lecture and meeting: cooperation with local communities and private sectors (ex. Field-base committees) Lecture and field work on environment education and communication Discussion and small-scale workshop/seminar: identification of common issues and consideration of future actions Workshop: problem/conflict solution skill and method Action plan: development of action plan and discussion After the core phase in Japan, third country phase will be continued about 2 weeks in Indonesia.	Program Period	under planning
	Implementing Partner	Governmental Foundation/Organization, NGO etc.
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2012～2014
	Remarks and Website	

Biodiversity Information System
生物多様性情報システム

Group 1280789
Solution Continuing
10 participants

Target Countries :

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :

Language :English

Appeal

To collect, analyzing and providing relevant information for biodiversity conservation, it is effective to visualize the collected information on maps, to digitize and analyze using GIS software, and to provide using web technology. Participants will be able to learn relevant technology through this course, in the future, participants will play important role in international frames on development and mobilization of biodiversity information, ex) GBIF.

Objective/Output	Target Organization / Group
<Course Objective> Government officers, engineers or researchers in management of biodiversity or nature conservation can acquire basic skills for collecting, analyzing and providing biodiversity information, and then they can contribute to the planning, actual building and managing of biodiversity information system(BIS). <Objective for each unit> Participants can understand the policy on biodiversity conservation in Japan, and can explain the focus of present conditions and problems of their own country. Participants can explain the basic knowledge about the collection method of biodiversity information, GIS technology that is necessary for management and dissemination of biodiversity information, actual method of dissemination of biodiversity information through the Internet, and can carry out basic work related to. Participants can formulate actual strategy about building and management of biodiversity information system according to the condition of their own country using above technology.	<Target Organization> National or local gov. organization concerning conservation on biological diversity. <Expected Job Title> Official Post in charge of the planning to biodiversity conservation. <Expected Job Experience> Officer, engineer or researcher in management of biodiversity conservation. <Others> 1) be university graduates or possess equivalent qualifications, 2) have a sufficient command of spoken and written English, 3) have basic operation in MS-Windows.

Contents		
Lecture: Conservation Policy of Japan (National Biodiversity Strategy, National Park System, Wildlife Management Policy etc.), outline of Biodiversity Center of Japan (National Survey on Natural Environment, Monitoring Sites 1000, data collection on J-IBIS), necessity and present conditions of biodiversity monitoring on the global scale, biodiversity information system (J-IBIS, IT-Lab, CHM) and information management, information development in Global Biodiversity Information Facility (GBIF) , application of GIS, Remote Sensing (RS) and Global Positioning System (GPS), copyright and intellectual property rights. Practice: Information processing on biodiversity using GIS and database, Lectures and practices on technical methods of HTML, web design, web-GIS for biodiversity information system, building sample web site, web design of GIS data on biodiversity information, building sample model of biodiversity information system, Inspection to Conservation areas in Japan. Presentation and discussion: About present conditions and problems of biodiversity conservation and information system of their own country, an Action Plan to improve methods of collection/dissemination and management of the biodiversity information.	Program Period	2012 / 8/12 ～ 2012 /10/4
	Implementing Partner	Biodiversity Center of Japan, Ministry of the Environment
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	Biodiversity Center of Japan, Ministry of the Environment http://www.biodic.go.jp/index_e.html

Conservation and Sustainable Use of Biodiversity to the Wetland Ecosystems on Community Base
地域における湿地の生物多様性の保全と持続的利用

Group 1280865
Trainers Updated
8 participants

Target Countries :

Sector :Nature Conservation/Conservation of Biodiversity

Sub-Sector :Nature Conservation/Sustainable Use of Natural Resources

Language :English

Appeal

This program aims to realize the promotion of wetland conservation and sustainable use which are done by community basis and goes to contribution for local people and community.
Participants will have opportunities to have mainly lectures including field studies and discussions. Participants will also formulate an interim report including an action plan describing what the organization will do after the participants go back to home country putting the knowledge and ideas acquired and discussed in Japan among others into their on-going activities.

Objective/Output	Target Organization / Group
[Course Objective] Government officials engaged in conservation of wetlands/biodiversity can plan projects contributing to promotion of biodiversity conservation activity related to regional development utilizing sustainable use of natural resources and livelihood and industry of local community, with involvement of residents living in the region. [Expected Module Outputs] (1) Capable of explaining and understanding the concept and policy regarding wetland biodiversity. (2) Capable of analyzing national conditions on conservation of wetland biodiversity and issues to be resolved. (3) Capable of explaining concrete measures for appropriate management of wetlands environment, understanding importance of monitoring concerned with conservation of biodiversity. (4) Capable of explaining concrete measures for promotion of public awareness and environmental education,understanding the importance of community participation for conservation of wetland biodiversity and its use. (5) Capable of drafting activity plan contributing to conservation of biodiversity by and for local residents and promoting wise use of natural resources	[Target Organization] Central or local governments which have jurisdiction over wetland management or management of biological diversity [Target Group] (1) Working-level official engaged in the conservation of wetland environments or biodiversity (2) More than 2 years of practical work experience (3) Basically under 48 years old of age having enough physical strength for field activities

Contents		
[Preliminary Phase in a Participant's home country] Formulate and submit an Inception Report. [Core Phase in Japan]Lectures, Practicals, field visits and discussions which cover contents below are provided: Conventions on wetlands and biodiversity conservation, that of endangered species, natural parks/living environment of Satoyama and rice paddies/oceanic biodiversity conservation, administration in Japan, global issues such as climate change, applying international environmental law for sustainable use of natural resources, natural park and facility for public awareness, ecotourism and biodiversity agriculture, collaboration among governments and people, disaster restoration for biodiversity, establishment of database and its application in context of biodiversity conservation, protection of endangered species and international cooperation, nature restoration project and its monitoring, coexistence between local residents and wild animals, wetland conservation activity by community, environmental education at school, awareness program for residents, ecotourism utilizing regional industry, role of NGO, network establishment to conserve ecosystem involving local people/stakeholders, summary and supplementary explanation of each training program, facilitation meeting (looking back to training), developing draft of activity plan and its presentation (interim report). [Finalization Phase in a Participant's home country] Submit the Final Report after returning to home country.	Program Period	2012 / 5/ 8 ～ 2012 / 6/27
	Implementing Partner	Kusiro International Wetland center(Kushiro City)
	JICA Center	JICA Hokkaido (Obihiro)
	Cooperation Period	2012～2014
	Remarks and Website	

Rehabilitation of Degraded Lands in Asia and Africa
アジア･アフリカ地域における荒廃地植生回復

Region-Focused Solution | 1284210 Continuing | 12 participants

Target Countries : Asia and African countries

Sector : Nature Conservation/Revegetation of Degraded Land

Sub-Sector :

Language : English

Appeal

This program is designed for senior technical staff or researchers engaged in land rehabilitation to master the fundamental techniques for land rehabilitation based on vegetation ecology.

Objective/Output	Target Organization / Group
-To improve participants' skills of planning and promoting their land rehabilitation activities taking into accounts the unique environmental and socio-economic conditions of respective local areas -To explain pressing matters regarding land degradation in participants' respective countries and to elaborate on their responsibilities for land rehabilitation -To master the fundamental techniques for rehabilitation of degraded lands and to be able to explain their significance and methods. -To evaluate the feasibility of applying acquirements (i. e. techniques) to participants' activities and to identify how they could be applied to Draft Action Plans. -To find out the possible solutions to land degradation through making Draft Action -Plans and to explain them 5W2H. -After the training in Japan, in respective countries, to discuss the vegetation rehabilitation plans for the organizations where participants come from, based on the participants' personal action plans.	1) Current Duties: be senior technical staff or researchers engaged in land rehabilitation planning and implementation at a local government level, especially at a community 2) Experience in this field: more than 5 years 3) Be university graduates or possess equivalent technical qualifications in this field 4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more 5) Health: must be in good health, both physically and mentally, to undergo the course 6) Must not be serving any form of military service. 7) Age: be under 45 years

Contents

【Preliminary Phase】
To make Job Report Presentation.

【Core Phase in Japan】
1. Lectures and exercises on vegetation classification and vegetation mapping based on vegetation ecology, Observation of the Environment Protection Forests, Working evaluation.
2. Observation of the rehabilitation sites in Japan (incl. lecture and exercise), Discussion: Workshop towards practical activities for land rehabilitation, Discussion and exchange information with former training participants using JICA NET (TV Conference)
3. Room Exercise: Making Draft Action Plans
4. Presentation and Discussion on Draft Action Plans

【Finalization Phase 】
The Action Plan is made a presentation in the participant's organization.

Program Period	2012 / 10 / 14 ～ 2012 / 12 / 15
Implementing Partner	Japanese Center for International Studies in Ecology
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	

Training for Countermeasures against Littoral Erosion in West and Central French-speaking Africa / TICAD IV Follow-up
仏語圏アフリカ・海岸侵食対策／TICAD IVフォローアップ

Region-Focused | 1284291
Leaders | Continuing
10 participants

Target Countries : Countries in West and Central French-speaking Africa

Sector : Nature Conservation/Revegetation of Degraded Land

Sub-Sector :

Language : French

Appeal

At the international conference held by President of Senegal in 2009, participating countries showed their political will to tackle with littoral erosion. This training aims to assist their effort to preserve coastal environment. Having experienced various types of littoral erosion, Japan has obtained knowledge and techniques to cope with that problem. By learning Japanese methods, participants are able to acquire skills to design effective countermeasures against littoral erosion.

Objective/Output	Target Organization / Group
<Course Objective> Senior officers of the government in charge of countermeasures against littoral erosion in West and Central Africa acquire knowledge and basic skills to design effective plan to preserve coastal environment both in each country and in West and Central Africa region. <Objective for each unit> -To be able to analyze the causes and the generating mechanism of littoral erosion and to be able to conduct necessary researches. -To understand laws, projects and systems of administrative organization regarding littoral erosion in Japan. -To be able to plan concrete countermeasure projects (both structural and non-structural measures) and to be able to predict negative impacts which can be caused by projects. -To increase the ability of situation analysis at the coast damaged by littoral erosion and at the site of the countermeasure projects. -To be able to design regional countermeasures in the West and Central Africa.	<Target Organization> Ministries or governmental organizations related to countermeasures against littoral erosion <Expected Job Title> Senior officers of the government in charge of countermeasures against littoral erosion who have authority to make decisions <Expected Job Experience> More than 10 years of experience in the field of preservation of environment or climate change countermeasures

Contents

Lecture and practice:
1. The cause and the generating mechanism of littoral erosion.
2. Research method to assess the risk of possible erosion.
   Lecture on the purpose and the contents of the law in Japan and its history of amendment.

Lecture:
1. Concrete method of design and construction for countermeasure projects (both structural and non-structural measures).
2. Perspective to predict negative impacts which can be caused by projects.

Field observation at the coast damaged by littoral erosion and at the site of the countermeasure projects.
1. Presentation on the damage situation of coast and current countermeasures against it in each participating country.
2. Discussion on countermeasures in each country and the possibility of regional cooperation against littoral erosion.

Program Period	2012/12/ 2 ～ 2012/12/19
Implementing Partner	Port and Air Research Institute
JICA Center	JICA Yokohama
Cooperation Period	2011～2013
Remarks and Website	

14.Fisheries

Capacity Building of Local Government to Develop and Guide Fishers' Organizations for the Realization of Sustainable Regional Fishery
持続可能な地域水産業の実現のための漁業者組織育成･指導能力強化

Group 1280752
Solution Continuing
8 participants

Target Countries : Countries which have a sea or inland water

Sector :Fisheries/Fisheries Administration

Sub-Sector :

Language :English

Appeal

The training program provides the participants with knowledge and skills of the fisheries law, administration, fisheries cooperatives, resource management, fisheries management, and fisheries marketing in Japan.

Objective/Output	Target Organization / Group
【Course Objective】To share the Action Plan which participants make during the training course and to discuss how to implement its plan within his/her organization 【Expected Outputs】 ①Participants are able to clarify their issues of operation and development of fishers' organizations, analyze the causes for each issue, and set their own objectives to achieve during the training course in Japan.(Preliminary Phase) ②Participants are able to gain the basic knowledge which is necessary for administrators to guide fishers' organizations in a responsible way and to explain its knowledge. ③Participants are able to gain specific skills and methods which are necessary for administrators to guide fishers' organizations in a responsible way and explain them. ④Participants are able to make the feasible Action Plan by using the knowledge and skills gained through the training course in Japan. ⑤Participants are able to share their Action Plan in their organization and discuss how to implement its plan.(Final Phase)	【Target Organization】 National or local governments in charge of managing and guiding the regional fisheries 【Target Group】 ・Central or local government officials currently engaging in managing and guiding the regional fisheries ・Have 5 years of work experience in the relevant fields ・Should have 4 year college degrees in fishery-related fields, economics, business administration, public administration or law ・Have a sufficient command of English (TOEFL PBT 550/CBT 200 or equivalent)

Contents		
【Preliminary Phase】 (1) Preparation of Job / Country Report Presentation and Issue Analysis Sheet 【Core Phase in Japan】 <After arriving at Japan, Job/Country Report Presentation and Issue Analysis Workshop will be held to check the achievement of (1) and to complement> (2) Lectures on fishery laws and system / administration / fishery economics / management and distribution covering overall fisheries of Japan, Lectures on actual cases of resource management activities in Japan (3) Lectures, observations and practices concerning methods to analyze necessary policy tools and social/economical aspects of region, and concerning methods to implement measures (4) Formulation, Presentation and Discussion of Action Plan. 【Final Phase】 (5) Sharing the Action Plan in participant's home organization, Submission of the Progress Report (3 month after participant's return)	Program Period	2013 / 3/31 ～ 2013 / 6/15
	Implementing Partner	National Fisheries University
	JICA Center	JICA Chugoku
	Cooperation Period	2010～2012
	Remarks and Website	Web site: http://www.fish-u.ac.jp/e-index.html

Stock Management and Enhancement in the Sea
海域における水産資源の管理及び培養

Group Trainers 1280336 Continuing

7 participants

Target Countries : Seafaring countries

Sector :Fisheries/Fisheries Resource Management

Sub-Sector :

Language :English

Appeal

This program designed for a researcher to acquire philosophy and technology for management of fishery stock considering biodiversity and environment conservation and share applicable idea for sustainable fishery stock management in his/her organization.

Objective/Output	Target Organization / Group
【Course Objective】 Participant make plan and share knowledge and techniques about accurate management of fishery stocks for sustainable supply of foods from sea resources among people in his/her organization. 【Expected Module Output】 To accomplish course objective, participant acquire knowledge and skills of 5 modules below; 1: Basic biology 2: Fishery and environmental science 3: Artificial technology and problems 4: Governmental programs with fishery cooperative 5: Making and implementing the action plan	【Target Organizations】 Official research institutes or universities in charge of fishery science 【Target Groups】 -Those who are engaged in either research or educational activity in fishery at official research institute or university -Those who are graduate of university or has the equivalent academic background -Preferably not bearing Ph.D degree -Those who have more than 5 years' experience in the relevant field

Contents

【Preliminary Phase in home country】
Preparation of inception report.

【Core Phase in Japan】
(Lectures, Case study, Practices, Field visit, Discussion and Presentation)
1: Benthos taxonomy & ecology, Plankton taxonomy & ecology, Fish taxonomy, Early life history of fishes, Phycology (taxonomy & ecology), Fish phylogeny, etc.
2: Environmental chemistry, Methodology of limnology, Population dynamics, Introduction to fish psychology, etc.
3: Hatchery enhancement, Seed-release situation, Technology of seed production, Seed production of grouper & tuna, Digestive enzyme development in reared fish larvae, etc.
4: Traditional fishery ground & method, Fishery in Kochi, Fishery cooperatives for resource management & enhancement, Development of mangrove forest in coastal desert, Study excursions for some regions.
5: Making action plan and presentation.

【Finalization Phase in home country】
To implement action plan in participant's organization.

Program Period	2012 / 7 / 10 ～ 2012 / 10 / 28
Implementing Partner	Usa Marine Biological Institute, Kochi University
JICA Center	JICA Shikoku
Cooperation Period	2010～2012
Remarks and Website	URL; http://www.kochi-u.ac.jp/kaiyo/englishpage/englishpage.htm

Coastal Fisheries Management
沿岸漁業管理

Group 1280863
Solution Updated

Target Countries :

10 participants

Sector :Fisheries/Fisheries Resource Management

Sub-Sector :

Language :English

Appeal

Fisheries management method by input control has been taken in Japan as an old habit. Because of its low cost to manage, application to developing countries is possible with relative ease. Based on acquired knowledge through study tour & lectures on the method, participants carry out problem analysis and develop action plan.

Objective/Output

【Objective】
The institutes for fisheries administration or research will be able to make an appropriate plan such as middle term action plan for fishery management and implement action plan in the initial step, aiming sustainable use of fishery resources.

【Objective for each unit】
1. Participant can explain the problems of coastal fisheries in their own country and the framework of Japanese coastal fisheries.
2. Participant can explain theoretical outline and method of fisheries management
3. Participant can explain examples of coastal fisheries management
4. Participant can formulate their action plans of fisheries management
5. The action plan formulated by the participant will be examined and implement by their organization and operated

Target Organization / Group

【Target organization】
Fishery-related organization of central and regional government

【Target group】
-Central or regional governmental organizations staff who is engaged for policy making in fisheries sector.
-More than three years
-university degree or an equivalent qualification

Contents

【Prior learning】
Submission of the Inception report

【Core Phase】
Lectures, observations and discussions on followings will be conducted;
1.a) Presentation of inception report, b) Legal framework, c) Role of administration, d) Role of fisheries cooperative association, e) Distribution and processing of fishery product, f) System of fisheries education
2.a)Collection of fisheries statistics, b)Resource diagnostic, c)Setting fisheries management, d)Methods of fisheries management, e)Conservation of fisheries environment, f)Resource Propagation, g)Establishment and Improvement of fishing ground,h)Selective fishing gears
3.a) Case study of fisheries management, b) Measures taken by fishery administration, c) Measures taken by research institution,d) Measures taken by fishers, e) Measures taken by citizens
4.a) Problem and objective analysis based on PCM method, b) Action plan making, c) Study report making, d) Presentation of action plan
5.a) Presentation and revision of the action plan

【Finalization Phase in home country】
- Approve and implement the Action Plan back in the participant's country
- Report the situation as Progress Report

Program Period	2012 / 8 / 14 ～ 2012 / 10 / 13
Implementing Partner	Marino-Forum 21 (MF21)
JICA Center	JICA Yokohama
Cooperation Period	2012～2014
Remarks and Website	http://www.mf21.or.jp/

Coastal Fishing Technique for Sustainable Resource Use
持続可能な沿岸漁業

Group 1280975
Trainers Continuing
9 participants

Target Countries :

Sector :Fisheries/Fisheries Resource Management

Sub-Sector :

Language :English

Appeal

To develop human resources who can contribute to the sustainable development, promotion and management of coastal fishing.

Objective/Output	Target Organization / Group
A project plan, which is feasible to solve the problems in the participants' work site, based on project planning skills and basic knowledge related to coastal fishing technique and acquired in the training program is formulated and promoted. 1)To learn basics of the mechanisms of fishing equipment and fishing properties 2)To learn the actual situation of popular fishing equipment through practice 3)To learn basics of aquatic resource biology and management, fishery management based on Code of Conduct for Responsible Fisheries 4)To learn appropriate fishing technologies and regional approaches required to promote compliance with fishery regulations 5)Improvement plan for solving problems on sustainable coastal fishery is formulated and approved in the participant's organization after the training.	1) Current Duties: Be in charge of research and development in improvement of fisheries extension, and be popularizer,technical staff or administrative staff in the field. 2) Experience in the relevant field: have more than 3 years' experience in the field mentioned above 1). 3) Educational Background: be a graduate of university 4) Language: have a competent command of spoken 5) Age: be under 40 years of age (preferably)

Contents

<Preliminary Phase>Formulation of report to present current situation in the participant's country

<Core Phase in Japan>
(1) 【Lectures】 Fishing technology, Designing Fishing Gear, Trawl Fishing, Line Fishing, Se-net Fishery, Pot Fishery, Purse seine, Gillnet Fishery
(2) 【Practice】 Structure and operation of trawl, Trap net setting and management, Practice for various type of fisheries 【Observation】 Kataura Fisheries Cooperative Association
(3) 【Lectures】 Sensory and Behavior of Aquatic Animals, Aquaculture, Fisheries Resource Biology, Ichthyology, Code of Conduct for Responsible Fishery
(4) 【Lecture】 Fisheries and Management, Designing Fishing Gear, Fisheries Management and Development Initiatives, Cooperative and Marketing, Post-harvest Treatment 【Practice】 Measuring Methods, Practice for Fisheries , 【Observation】 Fisheries High School, Marine Research Center
(5) 【Lecture】 PCM Method, Study report guidance, Project planning 【In Japan】 Action Plan Formulation, Presentation and Discussion

<In home countries>
Report on results of the training program to participant's organization, Improvement plan is approved and extended. Report progress.

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Kyushu/JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	

Planning of Fisheries Community Development
漁業コミュニティ開発計画

Group 1280852
Solution Updated

Target Countries :

12 participants

Sector :Fisheries/Rural Development in Fisheries

Sub-Sector :

Language :English

Appeal

Participants learn the advanced examples of fisheries community development in Japan, such as participatory fisheries resource management and fisheries cooperative. They learn also the Rapid Rural Appraisal to understand the fisheries community development in Japan. Based on these, combined with PCM and Institutional Development/ Organizational Strengthening, they develop Action Plan for their own country.

Objective/Output	Target Organization / Group
【Objective】 The participant can enhance their capabilities for planning and implementation/management of fisheries community development programs in accordance with the actual situation, issues and needs in fishing communities. 【Output】 (1) To understand the basic knowledge for properly considering sustainable fisheries community development through the actual programs and systems of fisheries community development in Japan. (2) To deepen the necessary knowledge for strengthen the activities of fisheries communities, and master the participatory methods for community surveys and organization strengthening. (3) To understand the proper programs and activities of fisheries community development for the purpose of income generation of fisher's households. (4) To understand the proper programs and activities of coastal resource management and environmental conservation by the fisheries communities for realizing the sustainable fisheries community development. (5) To formulate practical action plans through the logical analysis of issues of fisheries community development in participant's countries and the detail consideration of concrete measures.	【Target organization】 Fisheries administrative organization or agency in charge of fishery community development 【Target group】 - Section chief of extension service or extension officer for General Course, Director or sub-director for Leader Course - More than 5 years (more than 10 year preferable) - English ability for discussion and report writing

Contents

【Preliminary Phase in home country】
Submission of country report
【Activity in Core Phase】
Lectures, observations,exercises and discussions on followings will be conducted;
(1) Situation of coastal fisheries in Japan, Policy and regulation of fisheries community development in national and local government, Situation of fish product distribution and fish processing, Infrastructure development for fisheries communities, and etc. (2) Society and culture in fishing communities, Organization, structure and management of fisheries cooperative association, Participatory rural appraisal, Institutional development and organization strengthening, Workshop with actual fishing communities, and etc. (3) Income generation activities of fisheries cooperatives, Role of women in fishing communities, loan programs for fishing communities (micro credit, etc.), Economic management of fisher's households, Rural development in remote islands, and etc. (4) Mechanism of coastal resource management, Improvement of coastal fishing grounds, Conservation of sea weeds and sea glass fields, Forest management for coastal environmental conservation, Environment-friendly fishing gears and methods, and etc. (5) Project Cycle Management, Problem and Objective analysis for own issues of fisheries community development, Formulation of practical action plans for fisheries community development, and etc.
【Finalization Phase in home country】
Submission of activity reports(ex post facto report)

Program Period	2012 / 8 / 19 ～ 2012 / 9 / 30
Implementing Partner	IC Net Limited
JICA Center	JICA Yokohama
Cooperation Period	2012～2014
Remarks and Website	http://www2.icnet.co.jp/en/

Gender Mainstreaming in Fishing Community Development
漁村開発におけるジェンダー主流化

Group 1280976
Trainers Continuing
12 participants

Target Countries :

Sector :Fisheries/Rural Development in Fisheries

Sub-Sector :Gender and Development/Gender and Development

Language :English

Appeal

This training course focus on the gender issue that has not been well acknowledged in the development of small scale fisheries and fishing communities, and has taken up a wide variety of topics including poverty, availability of resources, environment conservation, education, sanitation, technology (fish processing, aqua culture, capture fisheries, etc.)and handicraft, etc. Gender approach is a quite new in tackling the improvement of small scale low-income fishing communities not only in development countries but also in Japan. Income generation in small scale fishing communities should be conducted through efficient and effective utilization of locally available resources with broaden sight on capture fisheries, aquaculture, processing, marketing, tourism, environment, community development, etc. Also, human capacity building, micro finance, market development, management know-how, etc. are important items to be tackled with. The training course will create able leaders having various skills for small scale business promotion.

Objective/Output	Target Organization / Group
[Objective] A plan of small-scale local business project aiming at improvement and development of the fishing communities under gender perspectives (partnership between woman and man) is formulated. The formulated plan is shared with stakeholders in the respective home county. [Outputs] 1. Participants deepen their understanding of the importance of "Gender and Development" and "Women in Development" and acquire the ability to explain those theories 2. Participants acquire means of survey and analysis of fishing community from gender perspectives 3. Participants acquire knowledge of capacity development as well as knowledge necessary for capacity development and income generation activity of fishing community people 4. Participants formulate an appropriate project plan for small scale local business through gender perspective	[Target organization] Central and local government organizations dealing with the planning and implementation of fishing support service to fishing communities [Target Group] ・Be an extension worker or officer of central or local government who is engaged in the development and promotion of the fishing villages. ・have more than 3 years' experience in the field, be a graduate of university ・have a competent command of spoken and written English ・Both man and woman are welcome

Contents

【Preliminary phase】
Preparation of the Job Report and Draft Project Plan.
【Core Phase】
[Output1] - Lecture: Basic theory of gender, Gender condition in Japan
- Exercise: Gender analysis, Gender and Development
- Discussion: Presentation on Job report and draft project plan
[Output2] - Lecture: Woman's employment in Japanese fishing community, Example of establishment of small-scale local business in fishing community
- Exercise: Participatory workshop
[Output3] - Lecture: Gender strategy by JICA and Japanese Government, Activity of fishery extension service in the world, Woman's role in fishing community
- Study trip: Discussion with women's group, Small -scale business in fishing community, Processing marine products
[Output4] - Exercise: Method and theory of Project Cycle Management (PCM), Formulating draft project plan
- Discussion: Presentation on draft project plan and study report
【Finalization Phase】(activities in participant home country)
- Submission of the project plan and study report to each organization in the home country. Discussion of the contents of the project plan at the organization and stakeholders and modification, if necessary
- Submission of the progress report

Program Period	2013 / 1/20 ～ 2013 / 3/7
Implementing Partner	Fisheries & Aquaculture International Co., LTD
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	

Training for Fisheries Extension Officers in Island Countries
島嶼国水産普及員養成

Region-Focused | 1284038
Leaders | Updated

10 participants

Target Countries : Island countries in all over the world

Sector : Fisheries/Rural Development in Fisheries

Sub-Sector : Fisheries/Fisheries Resource Management

Language : English

Appeal

This course is designed for bringing up fisheries extension officers, who is in charge of not only technical guidance but also keeping sustainability of the fishery resources

Objective/Output

【Objective】
Participants acquires knowledge and techniques necessary for fisheries extension officers
【Objective for each unit】
(In participants' home countries) Current situation and issues of the fisheries sector in participants' home countries are reviewed and described in the country report.
Participants' understandings on the roles and responsibilities of key institutions in the fisheries sector are enhanced.
Participants' understandings on approaches to sustainable use of fishery resources and their issues are enhanced.
Issues and difficulties of fisheries administration and management in island countries are reviewed and practical coping measures are examined.
Participants acquire basic knowledge and techniques necessary for fisheries extension work/
Participants' understandings on various extension tools and methods are enhanced
Practicable action plan for the issues is drawn up.
(In participants' home countries) Knowledge, techniques and action plan developed in Japan are shared in their organizations.

Target Organization / Group

Fisheries line agencies of the central and local levels, NGOs working on rural development through improvement of fishery related livelihood of communities
Fisheries extension officers working for Fisheries line agencies of the central and local levels, Staff of NGOs working on rural development through improvement of fishery related livelihood of communities
More than 3 years of experience as a fisheries extension worker or candidate of it
Have a good command of English in speaking, listening and writing.
Healthy in both physically and mentally (pregnancy is regarded as a disqualification). Not serving in military.

Contents

<Self-study in participants' home countries>
Preparation of presentation materials and Formulation of countries Report
<Core phase>
(Lecture)Policy,institutional set-up and major activities of fisheries line agencies
(Lecture & Observation)Roles and functions of the fishers' organizations and their issues, Major activities of fisheries research institutions
The above lectures include case studies
(Lecture)Characteristics and management of fishery resources in tropical waters
(Lecture)Approaches for the fisheries resource management ,Eco-system based approaches to fisheries, Issues and difficulties of the fisheries in island countries
(Lecture) Governmental services designed to support fisheries in remote island
(Lecture & Obs.) Fishing gears and fishing methods in Okinawa, Fish Aggregation Device: its structure and application, Building and maintenance of FRP fishing boat
(Lecture & Observation)Sea weed culture etc.
(Lecture)Fishery data collection in a manpower and budget limited situation
(Lecture) Extension techniques
(Lecture & Practice)Participatory methods and tools
(Lecture & Obs.) Socio-economic survey and resources assessment survey techniques
(Practice) Ropework and net mending, PCM, Case study on typical islands in Okinawa
(Discussion) Action Plan presentation
(Self-study in participants' countries) Presentation of the fruits gained in Japan, Efforts for action plan to be authorized

Program Period	2012 / 9 / 5 ～ 2012 / 11 / 3
Implementing Partner	Under Planning
JICA Center	JICA Okinawa
Cooperation Period	2012～2014
Remarks and Website	

Sustainable Fisheries Community Development for French Speaking Countries in Central and Western Africa
仏語圏中西部アフリカ･持続的漁村開発

Region-Focused Solution | 1284292 Updated

Target Countries : Francophone Africa | 8 participants

Sector : Fisheries/Rural Development in Fisheries

Sub-Sector :

Language : French

Appeal

Participants learn the advanced examples of fisheries community development in Japan, such as participatory fisheries resource management and fisheries cooperative. They learn also the Rapid Rural Appraisal to understand the fisheries community development in Japan. Based on these, combined with PCM and Institutional Development/ Organizational Strengthening, they develop Action Plan for their own country.

Objective/Output

【Objective】
The action plans considered / formulated by the training program are utilized to formulate the policies and plans of fisheries community development in respective target countries

【Objective for each unit】
(1) To understand the actual programs and experiences of fisheries community development and the measures for sustainable fisheries community development in Japan.
(2) To deepen the rules and systems of coastal resource management jointly conducted by fishing communities and local administration
(3) To understand the participatory methods for project planning, field study, and organizational strengthening
(4) To understand the proper programs and activities of coastal resource management and environmental conservation by the fisheries communities for realizing the sustainable fisheries community development.
(5) To prepare the implementation of action plans by workshops in respective countries (Supplementary Local Training)

Target Organization / Group

【Target organization】
Central or regional governmental organizations which is responsible for development of fishery community

【Target group】
- Section chief of extension service or extension officer for General Course
- Director or sub-director for Leader Course
- More than 5 years (more than 10 year preferable)
- French ability for discussion and report writing

Contents

【Preliminary Phase in home country】
Fisheries development agencies analyze current issues of fisheries community development, and prepare a report.
【Core Phase】Lectures, observations, exercises and discussions on followings will be conducted;
(1)- Situation of coastal fisheries in Japan,
  - Situation of fish product distribution and processing,
  - Income generation activities of women's fisher folks,
  - Environmental improvement and management of fishing grounds, and etc.
(2)- Role and management of fisheries cooperative association (FCA),
  - Co-management of coastal fisheries resources,
  - Role of local administrations for coastal resource management, and etc.
(3)- Project Cycle Management (PCM),
  - Participatory Rural Appraisal (PRA),
  - Institutional Development / Organizational Strengthening
(4)- Formulation and presentation of country reports
  - Problem and objective analysis of fishing community development,
  - Formulation of action plans (plan of operation and concept paper), and etc.
【Supplementary Local Training】
  - Presentation of action plans at JICA country offices and fisheries authorities,
  - Participatory studies and workshops with local stakeholders
  - Formulation and submission of progress reports, and etc.

Program Period	2013 / 2/24 ～ 2013 / 4/21
Implementing Partner	IC Net Limited
JICA Center	JICA Yokohama
Cooperation Period	2012～2014
Remarks and Website	http://www2.icnet.co.jp/en/

15.Gender and Development

Gender Mainstreaming Policies for Government Officers
行政官のためのジェンダー主流化政策

Group 1280723
Solution Continuing
8 participants

Target Countries :

Sector :Gender and Development/Gender and Development

Sub-Sector :

Language :English

Appeal

This program is aimed to enhance capability of the national machinery(*) to disseminate the perspective of gender equality in the design, implementation, monitoring and evaluation of policies and development plans in various field.
* a central policy coordinating unit for the advancement of gender quality inside the government.

Objective/Output	Target Organization / Group
To enhance capability of Gender Machinery in the design, implementation, monitoring and evaluation of policies and program with gender perspective. [Module Output 1] Be able to explain the concept and methods of gender mainstreaming. [Module Output 2] Establish a foundation for making effective policies for gender mainstreaming in the participants' home countries. [Module Output 3] Summarize the techniques to design, implement and evaluate policy/program with gender perspective and consider applicability to participants' home countries. [Module Output 4] Be able to design, implement, and evaluate the program with gender perspective logically.	【Target Organizations】 The national machinery (The Central policy coordination unit for the advancement of gender equality inside the government 【Target Group】 1.Government officers engaged in planning, implementation and/or evaluation of gender equality or mainstreaming in the National Machinery. 2.Have more than 5 years' occupational experience in the field of gender.

Contents		
<Preliminary Phase> Formulation of report to present current situation in the participant's country <Core Phase in Japan> (1)Gender mainstreaming policies, Gender Budget Analysis, Gender Statistics, Gender Mainstreaming in Japan (2)Gender Equality Administration, Gender Mainstreaming in Health, Labor and Welfare Administration, Gender Projects of JICA, Promotion of Gender Mainstreaming in Kitakyushu City, Outline of KFAW Activities, Activities of Kitakyushu Municipal Gender Equality Center(MOVE) (3)Health and Gender, Women and Peace, Women and Violence, Gender Mainstreaming in Law/Education, CEDAW and Gender Issues in Japan. (4) Formulation of action plan utilizing contents of the training program <Finalization Phase> Implementation of the formulated plan, and report progress in the form of final report	Program Period	2012 / 6/ 3 ～ 2012 / 7/5
	Implementing Partner	KFAW (Kitakyushu Forum on Asian Women)
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Support on Women's Entrepreneurship Development for African Countries
アフリカ地域女性起業家育成支援

Region-Focused Leaders | 1284089 Continuing | 10 participants

Target Countries : Sub-Saharan Africa

Sector : Gender and Development/Gender and Development

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : English

Appeal

This training is designed for the staff of central/local government or NGO to train the leaders to support women's entrepreneurship development.
This training is related not only gender issue but also promotion of Small and Medium Enterprises through women's entrepreneurship.

Objective/Output

【Course Objective】
Action Plan made by the participant is shared within the participant's organization and the consideration to launch the plan is initiated

【Outputs】
(1) The problems of women's entrepreneurship in participant's country are identified and the causes of the problems are analyzed
(2) The importance of the women's social & economical empowerment through women's entrepreneurship development is acknowledged
(3) The measures to adapt the information and skills acquired through training into participant's home country are considered
(4) The skills to implement the support for women's entrepreneurship is improved
(5) The Action Plan is formulated
(6) The Progress Report is formulated and submitted to JICA 3 months after the participant's return

Target Organization / Group

【Target Organizations】
Central/local government, implementation agency or NGO which are in charge of support on women's entrepreneurship development

【Target Group】
・The staffs of central/local government, implementation agency or NGO who are actually engaging in women's entrepreneurship development (Who can become the core person in at the implementation fields)
・Have the experience in the subject field for 3 years or more
・Have sufficient command of English

Contents

【Preliminary Phase】
(1) Job/Country Report presentation materials and Issue Analysis Sheet are prepared <the Job/Country Report presentation and Issue Analysis Workshop is held at the beginning of the core phase in Japan>

【Core Phase in Japan】
(2) Discussion on the importance of women's social & economical empowerment through the entrepreneurship development, Guidance on women's empowerment through entrepreneurship development, etc.
(3)①Strategy for the women entrepreneurs to start business, ②The situation and the problems of Japan's support on women's entrepreneurship, ③Regional Industry promotion and women's participation, ④Actual situation of women entrepreneurs in Japan ⑤Visiting women entrepreneurs
(4)①Introduction of WWB Japan, ②The skills needed as the entrepreneurs, ③Simulation of starting the business ・Practice of Business Plan formulation, ④Review Workshop
(5) Formulation and presentation of Action Plan

【Finalization Phase】
(6)①Sharing the Action Plan within the Participants organization, ②Formulation and submission of Progress Report (3 months after participant's return)

Program Period	2012 / 8 / 1 ～ 2012 / 9 / 15
Implementing Partner	Hiroshima Prefectural Government,Hiroshima International Center
JICA Center	JICA Chugoku
Cooperation Period	2010～2012
Remarks and Website	

Seminar on Promotion of Networking among Asian Countries on Anti-human Trafficking
アジア諸国における人身取引対策協力促進セミナー

Region-Focused Int.Dialogue | 1284352 New

Target Countries : Asia

20 participants

Sector :Gender and Development/Gender and Development

Sub-Sector :

Language :English

Appeal

Since human trafficking has become serious in Asian countries due to the globalization, this seminar will address this issue. Participants from key Asian countries will share information and knowledge, especially on countermeasures for prevention,protection and support of trafficked person. Through this seminar, the network against human trafficking among participant's countries will be strengthened.

Objective/Output	Target Organization / Group
【Program Objective】 Participants will enhance the understanding of Asian countries' countermeasures against human trafficking, especially the role of relevant organizations involved with prevention, protection and support of trafficked person, as well as their cooperative system. In addition, measures for functional enhancement of relevant organizations and strengthening the transnational network against human trafficking will be considered. 【Objective for each unit】 1. To understand the Japanese government ' s approaches against human trafficking 2. To understand the support measures for trafficked person by Japanese private organizations 3. To identify the series of procedure and the role of relevant organizations involved with prevention, protection and support of trafficked person and to analyze good practices and issues. 4. To share respective situation and approaches of anti-human trafficking among participants, and formulate the outcome report describing each country's improvement plan against human trafficking and approaches for strengthening the transnational network against human trafficking.	【Target Organization】Governmental and non-governmental organizations related to anti-human trafficking 【Target Group】 1. currently engaged in prevention and victim support concerning human trafficking (e.g. governmental staff of anti-human trafficking, staff of shelter, judicial officer, police/immigration officer, social worker, NGOs, etc.) 2. have more than 2 years of work experience in the field of anti-human trafficking 3. have a competent command of spoken and written English 4. be counterpart of the relevant project (only for participants from Thailand, Myanmar and Vietnam)

Contents		
【Activity in Preliminary Phase in a participant's home country】 Preparation of the Inception Report 【Activity in Core Phase in Japan】 *Joined seminar 1. Presentation on the Inception Report 2. Lectures/Discussions by institutions concerned in Japan, such as Cabinet Secretary, Ministry of Foreign Affairs, Ministry of Justice, Ministry of Health, Labor and Welfare, International Organization for Migration, etc. to understand the series of procedure of support for trafficked person 3. Lectures/Discussions and site visits to private shelters and NGOs, which provide support for trafficked person 4. Presentation and discussion by participants and person concerned with anti-fuman trafficking in Japan in terms of the situation and approaches of anti-human trafficking ＊Country focused seminar (For participants from Thailand, Myanmar and Vietnam only) Site visits to institutions relevant to each project	Program Period	2012/10/28 ～ 2012/11/10
	Implementing Partner	Under Planning
	JICA Center	JICA Tokyo(Public Policy)
	Cooperation Period	2012～2014
	Remarks and Website	＊Joined seminar Oct.28,2012～Nov.6, 2012 All the participants will participate. ＊Country focused seminar Nov.7,2012～Nov.10,2012 Only participants from Thailand, Myanmar and Vietnam will participate after joined seminar.

16. Urban/Regional Development

Public Works Administration in Regional Government
地域土木行政

Group 1280212
Trainers Continuing
9 participants

Target Countries :

Sector :Urban/Regional Development/Urban Development

Sub-Sector :

Language :English

Appeal

This training course focuses on administrative management in public works. Road will be mainly picked up as an example. The course leaders consult with participants carefully and give feedback to lecturers. This makes the training more effective so that participants can come up with solution for respective challenges in his/her own country/organization. In order to make effective action plan, time for discussion with course leaders, additional materials, complementary explanation will be prepared due to necessity.

Objective/Output	Target Organization / Group
<Course Objective> To learn the process of infrastructure development and the philosophy of public works in relation to the safety of daily living of people including the issues on environment,urbanization and disaster. To consider and propose the future vision of PW administration and the role of civil engineers that will be shared in his/her organization. <Objective for each unit> 1)To understand the plan of Hokkaido development, and linkage of infrastructure and economy. 2)To understand outline of regional public works administration in Hokkaido. 3)To understand the philosophy of public works engineering, and infrastructure development procedure through planning, design, construction and maintenance on road as an example. 4)To understand current administrative challenges and countermeasures, recognizing issues of environment, urbanization, and disaster prevention 5)To identify and analyze issues in public works in the participants' organizations and make Action Plan.	<Target Organization> Organization or Department in charge of regional public works administration <Expected Job Title> Civil Engineer works for Public works administration in Central/Regional Government <Expected Job Experience> More than 5 years

Contents

[Pre-Training]
Prepare country report including the issues of belonging organization

[Training in Japan]
1)Regional development Plan of Hokkaido, Relationship of infrastructure development and industrial economy
2)Legal procedure, budget system and tendering system on infrastructure development
3)Construction technique, Quality control, Quality inspection, Order system, Maintenance
4)City planning, Waste management, regeneration treatment of construction debris, environment on river development and on road sector
5)Country Report Presentation, Action plan Presentation, Discussion

[Post-Training]
Share and discuss among belonging organization and submit progress report of action plan

Program Period	2012 / 9 / 5 ～ 2012 / 10 / 27
Implementing Partner	Hokkaido Government, Foundation of Hokkaido Construction Technology Center
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2011～2013
Remarks and Website	Lectures and observations of this course mainly focus on roads since roads are common and important issues to most of the developing countries.

Urban Development (Focused on Land Readjustment Measures)
都市整備(土地区画整理手法を中心として)

Group 1280325
Solution Continuing
12 participants

Target Countries : Countries trying to solve the problem about urban development

Sector :Urban/Regional Development/Urban Development

Sub-Sector :

Language :English

Appeal

You can learn the idea of city planning and urban development system and methods as Land Readjustment measures through lectures, field trips and seminars. And you can arrange the applicable urban development methods to correspond the policy of city planning in your own country by examination of problems.

Objective/Output	Target Organization / Group
<Program Objective> The objective of this program is to study the methods and systems of Japanese urban development systems/techniques, especially Land Readjustment (L/R) measures, and to examine the applicability of Japanese systems/techniques in participants' respective countries and to propose improvement plan of urban development systems/techniques. <Expected Output> (1) To understand the outline of Japanese urban development system and Land Readjustment (L/R) techniques, (2) To identify current issues regarding urban development systems and techniques in their home countries, and (3) To study applicability of Japanese urban development systems/techniques and propose improvement plan of urban development system/techniques.	<Target Organization> Central/local governments being responsible for the formulation of urban development policies or the implementation of urban development programs/projects. <Target Group> 1) have more than 5 years of professional experiences 2) be between 30 and 45)years of age 3) be responsible for the formulation of urban development policies or the implementation of urban development programs/projects,

Contents		
<Preliminary Phase> To make Inception Report on city planning and urban development system/method, and problems/issues concerned. <Core Phase in Japan> (1) Overview of city planning system in Japan (City planning system in Japan, Method of urban development, Legal system, etc.) (2) Introduction of Land Readjustment system in Japan (Implementation planning, Land registration system, etc.) (3) Particular subjects of urban development (Urban drainage with sewerage and river system, Environmental Impact Assessment, Urban renewal project, etc.) (4) Case study (Site visit of urban development projects in metropolitan area and other cities) (5) Land readjustment design practice (Preparation for implementation plan, Replotting design) (6) Interim Report preparation and presentation <Finalization Phase> To disclose the Interim Report in the respective organization and to develop to Final Report	Program Period	2012 / 5/20 ～ 2012 / 7/7
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	It is recommended to select the nominee from the organizations involved in JICA projects.

Comprehensive Urban Transportation Planning and Project
総合都市交通計画･プロジェクト

Group 1280782
Solution Continuing
20 participants

Target Countries : Countries having cities with a population of 500,000 or more

Sector : Urban/Regional Development/Urban Development

Sub-Sector : Transportation/Urban Transportation

Language : English

Appeal

This program will provide an overview of urban transport policies and practices, urban transport planning and projects in Japan. Besides, the participants have opportunities to do exercise of traffic demand forecast, as well as to discuss and make their respective proposals through exchanges of views and experiences with Japanese experts. The program combines thematic lectures, site visits, practice and discussions with report writing.

Objective/Output

<Program Objective>
Feasible improvement plans are formulated against issues/problems regarding systems/methods of urban transport planning currently tackling in their respective organizations.

<Expected Output>
(1) To clarify urban transport issues/problems currently tackling in respective organizations, preliminarily
(2) To be able to explain the outline of urban transport planning and its system, and role of related organizations in Japan
(3) To be able to forecast/analyze basic traffic demand by using JICA STRADA (Traffic Demand Forecasting/Analysis Program)
(4) To identify main issues regarding urban transport planning under the current regulations/systems, and make proposals of improved urban transport approaches/methods in their respective organizations
(5) To examine and review the proposals in their respective organizations and discuss towards the realization and implementation.

Target Organization / Group

<Target Organization>
Central/local government in a city with a population of 500,00 or more, responsible for the formulation/implementation of urban transport planning

<Target Group>
(1) have more than 3 years of professional experiences in urban transport planning and management
(2) be responsible for the urban transport issues
(3) be 40 years of age or under, in principle

Contents

<Preliminary Phase>
Preparation of Inception Report on policies, efforts, and issues on urban transport planning and projects in the respective countries.

<Core Phase in Japan>
(1) Overview of city planning system (City planning law, Land use planning, Outline of urban development, Urban renewal/renaissance, etc.)
(2) Introduction of urban transport planning (Development of cities and transportation in Japan, Concept of urban transport planning, Overview of survey and analysis of urban transport planning, etc.)
(3) Conception of urban transport planning (Traffic demand management (TDM), Mobility management, etc.)
(4) Exercise of JICA STRADA (software for future traffic demand forecast)
(5) Case study (characteristics of urban transport system in several cities
(6) Preparation for proposals as Interim Report

<Finalization Phase>
Presentation of Interim Report and development to Final Report

Program Period	2012/10/ 9 ～ 2012/12/8
Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2011～2013
Remarks and Website	It is recommended to select the nominee from the organizations involved in JICA projects.

Comprehensive City Planning
都市計画総合

Group 1280947
Solution Continuing
12 participants

Target Countries : Countries having cities of 500,000 population or more.

Sector :Urban/Regional Development/Urban Development

Sub-Sector :

Language :English

Appeal

This program is designed for the organizations of the cities with the population of 500,000 or more, responsible for city planning and urban development, to consider improvement plans regarding city planning and urban development against the issues facing developing countries. The emphasis is placed more on the general framework of city planning than on the detailed study of methods and laws related to individual projects.

Objective/Output

<Program Objective>
To consider improvement plans regarding city planning and urban development against the issues facing recipient countries.

<Expected Output>
(1) To understand the concepts of urban planning, administration and financial systems, city environment and urban transportation in Japan, comprehensively,
(2) To acquire the ability of comprehensive urban development planning, and
(3) To identify the problems/issues relating to urban planning and propose an improvement plan of their countries' urban planning system.

Target Organization / Group

<Target Organization>
Organizations in a city with a population of 500,000 or more, responsible for the formulation of city planning or implementation of urban development projects.

<Target Group>
(1) have 5 years of professional experience
(2) be administrative officers responsible for the formulation of urban development policies/ regulations or the implementation of urban development programs/ projects,
(3) be in principle 45 years of age or under.

Contents

<Preliminary Phase>
To make Inception Report about overview of city planning system and urban development system/method, and problems/issues concerned.

<Core Phase in Japan>
(1) Inception Report presentation
(2) Overview of urban development issues (City planning of Japan in postwar days, City and regional planning, etc.)
(3) System for city planning (City planning law, Land use planning, Building codes, Urban development and improvement, etc.)
(4) Particular subjects of city planning (Urban transport policy and system, Water supply and sewerage system, Landscape design, Public housing system, etc.)
(5) Case study (Site observation in several cities)
(6) Interim Report preparation and presentation

<Finalization Phase>
To disclose the Interim Report in the respective organization and to make Final Report

Program Period	2012 / 9 / 5 ～ 2012 / 10 / 27
Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	It is recommended to select the nominees from the organizations involved in JICA projects.

Improvement of Housing and Living Environments
住宅･住環境改善

Group Leaders 1280950 Continuing

12 participants

Target Countries :

Sector :Urban/Regional Development/Urban Development

Sub-Sector :

Language :English

Appeal

Inhabitation is one of the fundamental human rights. The text of the Universal Declaration of Human Rights adopted in 1948 at the General Assembly of the United Nations proclaims that everyone has the right to an adequate standard of living including food, clothing and housing. On the other hand, the rapid urbanization and population growth has been causing lack of housing and degradation of living environments in developing countries. Under these circumstances, important challenge for the developing countries is to formulate and develop adequate policies for improvement of housing and living environments according to their respective situations. This program is designed for governmental organizations for improvement of housing and living environment to improve related policies and systems.

Objective/Output	Target Organization / Group
<Program Objective> To improve the capability of the officials who are responsible for housing conditions and living environment policy in central/local governments or related governmental organizations in developing countries. <Expected Output> (1) To understand policies and systems regarding housing of Japan. (2) To identify effective policies and systems for the improvement of living environment of Japan and the points to be considered for the implementation. (3) To describe problems and issues regarding the systems and policies for housing and living environment of their home countries, and propose a plan to improve those systems and policies.	<Target Organization> Governments or relevant organizations responsible for improvement of housing and living environment <Target Group> (1)be officials who are involved in the planning of policies and systems for the improvement of housing and living environment (2)have 3 year experience in implementing development projects on housing or living environment (3)be between 35 and 50 years of age

Contents		
<Preliminary Phase> Preparation of Inception Report on policies, efforts, and issues on housing and living environment matters in the respective countries. <Core Phase in Japan> (1) Policies and systems regarding housing in Japan (Housing situation and policy in Japan, Housing loans, Public housing, Town development by urban development corporation, Building standard, City planning, Urban renewal, Improvement of living environment, Land readjustment, etc.) (2) Improvement of housing and living environment in developing countries (Comparison of housing and living environment in developing countries, Comparison of housing problems between Japan and developing countries, Activities of United Nations Centre for Human Settlements, etc.) (3) Site visits (Renewal projects in dense residential areas, Urban renewal projects in waterfront areas, etc.) (4) Report preparation (Presentation and discussion of Inception Report, Preparation and discussion of Action Plan)	Program Period	2012/10/21 ～ 2012/12/1
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	(1)This program covers comprehensive housing and living environment issues, not specific techniques on city planning and urban engineering. (2)It is recommended to select the nominees from the organizations involved in JICA projects.

Construction Technology Introduced and/or Applied to Developing Countries
開発途上国において導入、あるいは応用･開発可能な建設技術

Group Leaders 1280979 Continuing

11 participants

Target Countries :

Sector :Urban/Regional Development/Urban Development

Sub-Sector :

Language :English

Appeal

This program is designed for mid-career officials or researchers of central/local government in charge of civil engineering for infrastructure development. It aims to contribute to civil engineering improvement and to motivating the participants to work for establishment of technical standard & system in their countries. The program covers Standard & System for Construction Engineering, New Technology, Environmental Preservation, and Maintenance Technology.

Objective/Output	Target Organization / Group
This course is aimed for leading and mid carrier officials who are in charge of infrastructure development (except building and housing work) in public organizations such as central and local governments. Through lectures and field visits on the below-mentioned subjects, participants are expected to acquire knowledge and experience necessary to establish the technical standard and system suitable for their own countries. (1)Standard and system for construction technology (2)Newly developed survey, design and construction engineering (3)Environmental preservation in infrastructure development (4)Maintenance technology (5)Formulation of Action Plan	(1)Central and local government in charge of infrastructure development (2)Leading and mid carrier officials belonging to post which is in charge of planning system / policy and implementing project of infrastructure development (3)University graduate or equivalent in civil engineering (4)Occupational experience: 8-18 years

Contents		
(1)The characteristic and condition of infrastructure development in Japan and the international standard of construction materials and environmental issue through comparing developing countries, Japan and the world. (2)The fundamental theory and implementation of newly developed survey / design / construction technology such as tunneling, slope protection, countermeasure for soft ground, earth retaining and etc. (3)The environmental issues which are restoration of native forest and construction waste recycling. (4)The investigation and maintenance method for the deterioration of concrete, steel and other members of existing structure such as bridge. (5)Drawing up action plan comparing your condition / problem and the technology acquiring thorough this course, and hold the presentation and discussion for deeply understanding.	Program Period	2012 / 5 / 13 ～ 2012 / 6 / 30
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan Construction Training Center(JCTC)
	JICA Center	JICA Yokohama
	Cooperation Period	2010～2012
	Remarks and Website	HP of JTCT:URL http://www.jctc.jp

General Management for Regional Development and Planning
地域開発計画管理

Group 1280764
Solution Continuing
11 participants

Target Countries :

Sector :Urban/Regional Development/Regional Development

Sub-Sector :

Language :English

Appeal

Hokkaido succeeded in creating the society and economy being equal to country size although its area had been almost untouched from modern industrialization and being left far behind from other Japanese regions 140 years ago. This seminar offers the opportunities to consider about the regional development method to the developing countries by the introduction of comprehensive development plan, implementation and monitoring methods accumulated through this precious case Hokkaido Development.

Objective/Output	Target Organization / Group
【Objectives】 Participants' organizations start to consider regional development in a comprehensive manner, based on Action Plans formulated and shared by participants 【Expected Outputs】 1) Identify current situation and issues in regional development. 2) Understand the basis of Hokkaido development, then consider those applicability to participants' countries 3) Understand actual methods of regional development 4) Analyze and evaluate regional development 5) Formulate appropriate regional development methods for each participants as "Action Plan"	【Organization】 Organization working for regional development in developing countries. 【Personal Qualification】 <Position> Senior administrative officer engaged in regional development.

Contents		
【Pre-Training】 Each participant prepares pre-training report to identify each issues 【Training in Japan】 (1) Pre-training report presentation/discussion/problem identification (2) Basic objectives and administrative framework of Hokkaido comprehensive development plan, Promotion and management of Hokkaido comprehensive development plan, Roles of the central and local government for coordinating regional development (3) Industrial promotion/Environmental conservation/Public works in Hokkaido, Field Trip (4) Case study of regional developments in other areas, evaluation of the Hokkaido comprehensive development (5) Discussion, consultation, and formulation of "Action Plan" 【Post-Training】 Within 6 month, every participant is requested to present action plan and share its experience in Japan at home organization, then submit Progress Reports	Program Period	2012/10/10 ～ 2012/12/1
	Implementing Partner	Hokkaido Regional Development Bureau
	JICA Center	JICA Hokkaido (Sapporo)
	Cooperation Period	2011～2013
	Remarks and Website	

Endogenous Regional Economic Development Utilizing Local Resources for Central Asia
中央アジア地域　地域資源を活かした内発的地域経済開発

Region-Focused Trainers | 1284212 Continuing | 9 participants

Target Countries : Central Asia

Sector : Urban/Regional Development/Regional Development

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : Russian

Appeal

Realizing the importance of economic development by local leadership with local resources, traditional culture and technology and learning necessary measures and methods for the spread of feasible activities.

Objective/Output

[Course Objective]
Forming and improving a business plan from the viewpoint of endogenous local development

[Expected Module Output]
(1) Understanding the supporting system and measures to promote Japanese endogenous local development and examining their applicability
(2) Understanding the methods and know-how to develop products and services and make business chances by analyzing the local resources and connecting available resources and market needs.
(3) Comparing and analyzing the development of local specialty products and local industry promotion through case studies of both Japan and developing countries. Examining the applicability to countries and areas concerned
(4) Making an action plan to diffuse local promotion measures
(5) A promotional plan is reviewed and approved by departments

Target Organization / Group

Central/local government departments/organizations in charge of supporting (providing extension service to) groups of workers in agriculture/livestock/forestry and small-and-micro enterprises engaged in agricultural/livestock/wood-processing.

Experience in the relevant field: have more than 5 years' experience in the related field

Contents

Inception Report presentation and discussion
Lecture; Japanese administration and finance systems
Lecture; Local development in Japan, Local plans in Aichi prefecture
Lecture; Properties and applications of local resources
Lecture; Sustainable livelihood and social infrastructures
Lecture; Marketing methods of special products, etc.
Exercise; SWOT analysis
Observation; Antenna shop and ORIBE style, etc.
Lecture; Supporting policies for promotion of special products, etc.
Case study; Thai OTOP
Observation ; Gifu prefecture：Local promotion activities utilizing the third sector
Lecture; Endogenous local promotion policies with local resources
Making an action plan, presentation and discussion
Workshop in their departments, submitting a progress report

Program Period	2012/11/13 ～ 2012/12/15
Implementing Partner	United Nations Centre for Regional Development
JICA Center	JICA Chubu
Cooperation Period	2010～2012
Remarks and Website	

Endogenous Regional Economic Development Utilizing Local Resources in Central and South America
中南米地域　地域資源を活かした内発的地域経済開発

Region-Focused Trainers | 1284276 Updated

12 participants

Target Countries : Latin American Countries

Sector : Urban/Regional Development/Regional Development

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : Spanish

Appeal

This program is designed for planning officers to disseminate measures/methods to promote economic development based on local initiatives and recourses.

Objective/Output	Target Organization / Group
【Objective】 With full understanding of the importance of Endogenous Regional Development (EnRD), knowledge and skills necessary to plan and implement program and projects for developing local industries and specialty products are obtained by participants and also shared by their organization and other stakeholders. 【Objective for each unit】 Knowledge of Japanese policy and support program for promoting Endogenous Regional Development(EnRD). Knowledge of methods and know-hows for linking local resources with market needs to develop new services and products and create business opportunities. Developing local industry/ specialty products into their countries is examined and action plans based on the training inputs are formulated. The importance of EnRD is fully understood by participants and issues and problems facing them are analyzed and examined in the EnRD context. Action plans are reported and shared by relevant organization and stakeholders.	Local government offices, division of rural/economic/agriculture development Officer for Local government offices, division of rural/economic/agriculture development, and supporting the farmers groups and small farm producers Have over 3 to 5 years of experience in the regional development field.

Contents		
Inception Report presentation and discussion Lecture; Japanese administration and finance systems Lecture; Local plans in Aichi prefecture Lecture; Local development in Japan Lecture; Properties and applications of local resources Lecture; Sustainable livelihood and social infrastructures Lecture; Marketing methods of special products, etc. Exercise; SWOT analysis Observation; Antenna shop and ORIBE style, etc. Lecture; Supporting policies for promotion of special products Lecture; Promotion of local industries in Hida area, etc. Case study; Thai OTOP Observation; Meihou in Gifu prefecture：Local promotion activities utilizing the third sector Lecture; Endogenous local promotion policies with local resources Making an action plan Action plan presentation and discussion Workshop in their departments Submitting a progress report	Program Period	2013 / 1/ 6 ～ 2013 / 2/6
	Implementing Partner	United Nations Centre for Regional Development
	JICA Center	JICA Chubu
	Cooperation Period	2012～2014
	Remarks and Website	

Supporting Regional Development by Utilizing Local Resources in Africa
アフリカ地域　地域資源を活用した地域振興支援政策

Region-Focused Leaders | 1284277 Updated | 13 participants

Target Countries : African Countries

Sector : Urban/Regional Development/Regional Development

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : English

Appeal

This program is designed for officers involved in OVOP or Michinoeki projects/programs to provide fundamental skills to utilize local resources.

Objective/Output

【Objective】Develop a concrete promotion plan of regional development among 3 stakeholders based on local community and existing resources.

【Module Output】
1. To explain about the role and function which the local government or other promotional organizations have to assume in order to encourage the initiatives of the community.
2. To select from options of utilization of local resources, and demonstrate multiple approaches which meet the local diversity and characteristics.
3. To explain about risks in products commercialization, and how to avoid the risks.
4. To review the mechanism of securing wide-area operation and sustainability.
5. To acquire the methods of communicating the useful information to the community (supportive measures,market situation, etc.).
6. To formulate concrete actions for implementing policies of regional promotion, and analyze risks and limitations.

Target Organization / Group

National/Local govt., and Community Based Organization including NGO/NPO. Suitable candidate would be a planning officer for regional development from national/local govt. and community leaders
with minimum of 5 years of working experience in the relevant field.

Contents

・Initiatives of the community, roles of public administration and promotional organizations.

・Role of public administration, supportive systems and measures

・Characteristics and utilization of local resources

・To know intermediate stakeholders like promotional organizations, etc.

・Basics of product marketing

・Risk Management

・Social corporatization of supportive organizations, etc.

・Analysis of organization,stakeholder, and market

・Risk analysis by brain storming

Program Period	2012 / 5 / 28 ～ 2012 / 6 / 30
Implementing Partner	HITONOMORI Co.,LTD
JICA Center	JICA Chubu
Cooperation Period	2012～2014
Remarks and Website	

Global Mapping for Sustainable Development
環境地図(地球地図)作成

Group 1280874
Trainers Continuing
8 participants

Target Countries :

Sector :Urban/Regional Development/Geographical Information

Sub-Sector :Urban/Regional Development/Geographical Information

Language :English

Appeal

To deepen the understanding of Global Mapping project and share skills including. GIS and Remote Sensing to develop or update Global Map to cope with global environmental issue.

Objective/Output	Target Organization / Group
【Objectives】 Based on the action plan, Global Map data of participating country will be developed and updated continuously, at the same time, application way of Global Map for environmental problems will be shared with the participating organization. 【Preliminary Phase】 To clarify the priority issues by analyzing the ongoing activities concerning the Global Map and define the objective of participating this course. 【Program in Japan】 1. Be able to explain the overview of Global Map, GIS/R.S. and global standards. 2. Be able to develop and update Global Map data. 3. Be able to explain the outline of global environmental issues and utilization of Global Map for addressing them. 4. To make an action plan draft and to be able to explain the details of development, update and utilization of Global Map for his/her country. 【Finalization Phase】 To implement the progress of action plan and submit the final report.	【Target Organizations】 National Mapping Organization involved in Global Mapping Project. 【Target Group】 1) Be a member of National Mapping Organization, be working in or be going to work in the Global Mapping Project 2) To have more than 3 years' experience in the field of GIS, Remote Sensing 3) University graduate or equivalent 4) Must not be serving any form of military service

Contents		
【Preliminary Phase】Formulation and Submission of Inception Report. 【Program in Japan】 Lectures, visits and workshops etc. related the following topics will be implemented. 1. Overview of Global Map, Outline of GIS/Remote Sensing, Geographic information standards, Environmental GIS, Global environment and land use changes 2. Outline of GIS software and its operation, Specifications, digitizing/compilation and production of output Global Map, Development and update of Global Map using satellite images, Development and validation of Global Land Cover dataset 3. Overview of global environmental issues, Application of GIS/Remote Sensing to global environmental field, Utilization of Global Map in environmental field 4. Preparation of an action plan for the development, update and utilization of Environmental Map 【Finalization Phase】 To revise and implement of the Action Plan in the participant's country and submit its Final Report	Program Period	2012 / 5/14 ～ 2012 / 8/2
	Implementing Partner	Geospatial Information Authority of Japan, Ministry of Land, Infrastructure, Transport and Tourism
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2010～2012
	Remarks and Website	＜Global Mapping Project＞ http://www.iscgm.org/

Planning and Management of National Mapping and Surveying
国家測量事業計画･管理

Group 1280922
Solution Continuing
8 participants

Target Countries :

Sector :Urban/Regional Development/Geographical Information

Sub-Sector :Urban/Regional Development/Geographical Information

Language :English

Appeal

To develop core personnel in charge of planning and management for surveying and mapping.

Objective/Output	Target Organization / Group
【Objective】Planning and Management capacity of National Surveying and Mapping Organization will be strengthened so that they can provide reliable Geospatial Information adequately. 【Preliminary Phase】 To make an analysis of the relevant agenda in participant's respective countries. 【Program in Japan】 1. To deepen understanding on the fundamental theory of each specialized field. 2. To understand the relationship with the administration and legal framework in Japan and to consider the proper form of those methods for each country. 3. To understand the latest trends and application of survey technology and to sort out its utilization in each country. 4. To prepare an action plan aiming at utilizing learned knowledge and technologies for improvement of surveying and mapping administration of the respective country. 【Finalization Phase】 To implement the action plan and submit the Final Report.	【Target Organizations】 National Surveying and Mapping Organization 【Target Group】 Technical official in management levels (Head or Deputy Head of a division) in national mapping organization or be engaged in equivalent work, but not be working in cadastral survey. Have more than 7 years of experience in the field in each country. of surveying and mapping. University graduate or equivalent

Contents		
【Preliminary Phase】Formulation and submission of an Inception Report. 【Program in Japan】 Lectures, visits and workshops etc related the following topics will be implemented. 1. Trend of education, Culture, Science and Technology, Global environment, etc. 2. Survey operation, Survey administrative system, Issues of Survey administration, Cadastral Survey etc. 3. Global Positioning System (GPS), Geographical Information System(GIS), Digital Photogrammetry, Remote sensing etc. 4. Project Cycle Management (PCM) , Individual study, Formulation of Action Plan, Technical presentation. 【Finalization Phase】 (the middle of June 2011) TV conference for midterm monitoring is planned. (the middle of September 2011)Submission of Final Report.	Program Period	2012 / 8 / 22 ～ 2013 / 2 / 9
	Implementing Partner	Geospatial Information Authority of Japan, Ministry of Land, Infrastructure, Transport and Tourism
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2010～2012
	Remarks and Website	http://www.gsi.go.jp/ENGLISH/index.html

Project Management in Infrastructure Development for Civil Engineers
社会基盤整備における事業管理

Group Leaders 1280230 Continuing

12 participants

Target Countries :

Sector :Urban/Regional Development/Other Urban and Regional Development Issues

Sub-Sector :

Language :English

Appeal

In late years, the procedures for public works in developing countries become more complicate, due to the intermingling of ODA projects and their own system. This course is offered for executive officers in charge of project management in central government and so. Each participants reviews the own condition and problem and summarizes the Action Plan utilizing the knowledge and technology of project management in Japan learned through this course.

Objective/Output	Target Organization / Group
<Course Objective> This course brings on executive officers and candidates who belong to central government and governmental body in drawing up their system and policy for project management of infrastructure development. <Objective for each unit> (1) To obtain project management on infrastructure development (2) To obtain contract and evaluation system on infrastructure development (3) To obtain method and procedure of accountability (4) To obtain site management (5) To consider the application and possibility in order to establish their own standard and system utilizing the technology through this course, and draw up the action plan	<Target Organization> The organization for executing infrastructure development <Expected Job Title> Executive officer in charge of infrastructure development in central government and governmental body <Expected Job Experience> At least eight years' experience in infrastructure development <Other Qualifications> Be a graduate of university or equivalent in the field of civil engineering

Contents		
(1) To understand the characteristic and condition of infrastructure development in Japan and to obtain project management such as ensuring quality of public works, utilizing information technology, construction waste recycling, land acquisition and etc. (2) To obtain the contract system in Japan, supervision/inspection system, standard specification, role of consultant and project evaluation methods at each step of infrastructure development (3) To learn the process to obtain the support and agreement of citizens through accountability in infrastructure development (4) To study the updated site management, including quality, schedule and safety control (5) To draw up their action report comparing their condition/problem and the technology acquiring thorough this course, and hold the presentation and discussion for deeply understanding	Program Period	2012 / 9/18 ～ 2012 /11/17
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan Construction Training Center(JCTC)
	JICA Center	JICA Yokohama
	Cooperation Period	2011～2013
	Remarks and Website	HP of JTCT:URL http://www.jctc.jp

Disaster Prevention of Buildings (against Earthquake,Tsunami,Fire, etc.)
建築防災(地震、津波、火災等に対して)

Group 1280278
Solution New

12 participants

Target Countries :

Sector :Urban/Regional Development/Other Urban and Regional Development Issues

Sub-Sector :Water Resources/Disaster Management/Comprehensive Disaster Management

Language :English

Appeal

In this decade, extremely large disasters of earthquake and tsunami happen in the world, causing a lot of casualties. Furthermore, after large scale of buildings became popular and common in the world, there are large fire incidents in these buildings, also causing a lot of casualties. In case of earthquake, tsunami or fire, safe buildings protect people, while disorderly constructed buildings kill people. Safe buildings can be constructed through appropriate building codes and regulatory systems. This course aims to learn about the improvement of building codes, regulatory systems and disaster prevention policies through Japanese experiences.

Objective/Output	Target Organization / Group
<Program Objective> Building codes and regulatory systems are improved to expand the disaster-proof buildings in the participants' country. <Expected Output> (1) To understand the outline of Japanese building codes and regulatory systems especially in the field of earthquake resistance and fire prevention, and to understand the Japanese disaster prevention policies of buildings. (2) To identify the problems to be solved in the participants' country and to examine the applicability of Japanese system to each country. (3) To make proposals to improve the building codes and regulatory systems necessary to expand the disaster-proof buildings in the participants' country.	<Target Organization> Government or related organizations responsible for improvement of building codes and regulatory systems, and disaster prevention policies in the field of buildings. <Target Group> (1)be officials in the government or related organizations currently in charge of establishment of building standards/improvement, application of regulatory systems and disaster prevention policies in the field of buildings, and also expected to assume a leading position (2)have more than 5 years of experience with the general knowledge in the above mentioned field. (3)be under 50 years of age

Contents		
<Preliminary Phase> Preparation of Inception Report on policies, efforts, and issues on building codes and regulatory system, disaster prevention policies in the field of buildings in the respective countries. <Core Phase in Japan> (1)Inception Report Presentation (2)Basic Information (Building and housing situation in Japan, Building regulation, Mechanism and characteristics of disasters, etc.) (3)Structural Safety (Building methods from the viewpoint of structural safety, Seismic Codes of buildings, Building Codes on Japanese conventional wooden houses, etc.) (4)Fire Safety (Fire resistance, Fire evacuation, Fire defense, etc.) (5)Lessons from the disasters and disaster mitigation policies (The Great Hanshin-Awaji Earthquake and restoration, The Great East Japan Earthquake and restoration,Earthquake disaster countermeasures, Seismic retrofitting of buildings, etc.) (6)Sustainability (Energy conservation policies, Sustainable building technology, etc.) (7)Operation on Building Control (Administration of local governments, Operations of bodies related to building control, Inspection on building construction, etc.) (8)Formulation of Action Plan <Finalization Phase> Presentation of Action Plan and development to Final Report	Program Period	2012 / 7 / 8 ～ 2012 / 8 / 11
	Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2012～2014
	Remarks and Website	

Theoretical and Practical Techniques on Mechanized Construction Method and Repair and Maintenance of Construction Equipment
建設機械整備及び建設施工に関する理論的知識及び実務技術の習得

Group 1280708
Trainers Continuing
10 participants

Target Countries :

Sector :Urban/Regional Development/Other Urban and Regional Development Issues

Sub-Sector :

Language :English

Appeal

During this training, the trainees will be able to learn the knowledge and experiences for immediate use in the field through theoretical lecture and the practical training with real machines. The technical level of the construction machines in Japan is the highest in the world such as hybrid machines. Trainees will learn widely the history and trend of the equipment development in Japan. Also they can refer to their own development in the future.

Objective/Output	Target Organization / Group
<Course Objective> Improved action plans of the construction management and the maintenance of construction equipment made by central governments in developing countries are to be proposed by the section which trainees belong to. <Objective for each unit> 1.Trainees become able to explain the following points (1)Japanese construction policy. (2)quality control and process management about construction of the pre-stressed concrete bridge. (3)foundation engineering and soil improvement. (4)tunnel construction. (5)environmental impact assessment. (6)road maintenance. (7)Project Control. (8)the outline of Construction Equipment and the theory of hydraulics. (9)the equipment maintenance and repair. 2.To make action plans to improve the construction management and the maintenance of construction equipment.	<Target Organization> Construction Planning division of the government <Expected Job Title> Supervision and control of the construction management <Expected Job Experience> At least 8 years of experience in the construction field. <Other Qualifications> To be a graduated of university or equivalent in the field of mechanical engineering. Be over 30 years old

Contents		
(Lectures)1.Construction project development, local load, governmental procurement system ,and unmanned operation in dangerous area 2.Basic characteristics, durability, problems in maintenance of concrete structures. 3.Production method, quality control,process management of the pre-stressed concrete bridge 4.Method of ground survey for foundation construction. Method of improvement of soft subsoil and testing 5.Idea for environmental preservation, governmental policy for environmental preservation, evaluation of environmental impact,measures for environmental preservation on the road (Lectures & Observations)1.Basic knowledge of the tunnel construction and obstruction under the construction, process of NATM method, and dynamic background 2.Road construction and improvement of freeway in Japan, machines for maintenance of asphalt road, and method of the repair and maintenance. 3.Classification and performance of construction equipment, theory of hydraulics, technique of maintenance and inspection, and repair, maintenance and management of the equipment 4.Control system, inspection for the parts of hydraulics and electric circuit, assemble and disassemble of the transmission, structure and function of engine, and maintenance of construction equipment (Lecture & Practice)Method of systematization of project planning ,management, scheduling models.	Program Period	2012 / 8 / 28 ～ 2012 / 11 / 23
	Implementing Partner	Japan Construction Mechanization Association
	JICA Center	JICA Yokohama
	Cooperation Period	2011～2013
	Remarks and Website	Japan Construction Mechanization Association http://www.jcmanet.or.jp

National and Regional Development Policy
国土･地域開発政策

Group 1280980
Solution Continuing
10 participants

Target Countries : Countries with population of more than 1 million .

Sector :Urban/Regional Development/Other Urban and Regional Development Issues

Sub-Sector :

Language :English

Appeal

Participants are supposed to be government officials engaged in national/regional development projects/policy. In Japan they learn policies, strategies and systems, best practices in national & regional development plan and projects,as well as effective management of local and regional development. Participants make a study report for the improvement of national & regional development systems relating to their ongoing activities.

Objective/Output	Target Organization / Group
To have participating government officers master practical ways of planning and management capacity, so that they can plan national and regional development policies or schemes useful for regional development of their countries in an appropriate manner according to a particular social situation To be able to explain basic concepts and theories of Japan's national spatial planning and policies towards applying them to the national and regional development policies of their own country To be able to explain problems and weakness of the national and regional development policies of their own country by applying Japan's national and regional development policies To be able to make a study report, applying the knowledge obtained through the above two items to the solution of their country's problems	Central and Regional government organizations responsible for planning or implementation of national or regional development projects or policies. (target group) Have more than 2 years' experience in the above. Be University graduate or equivalent educational background.

Contents

1. Lecture: Policy ・ Institution (1)National Planning Systems & its Process in Japan (2)Formation Sustainable Regional Development Strategy (3)Development of Japanese Economy and the Role of Government Policies (4)New National Land Sustainability Plan (5)National Transportation Plan (6)Policy Evaluation and Community Governance (7)Urban Development in Japan (8)Globalization and Regional Development (9)Development Plan for the National Capital Region (10)Regeneration of Provincial Cities

2. Lecture: Individual Policy (1)Local Public Finance (2)Promotion of Regional Economic and Industrial Cluster Policy (3)Environmental Policy (4)Disaster Management (5)Rehabilitation and Reconstruction after the East Japan Earthquake (6)Overview of Tourism Policy (7)Agricultural Policy (8)Development and Application of Geographic Information System (9)Project Finance and Project Management

3. Case Studies・・・One-village ,One Product Movement (Oita Prefecture)

4. Study Visits (1)Kyoto City(Preservation of Old Capitol City, Innovation Policy) (2)Osaka City (Industrial Policy, Community Development)) (3)Yokohama City (Urban Development) (4)Sendai City (Rehabilitation from the Earthquake)

5. Presentation and discussion

Program Period	2012 / 9 / 4 ～ 2012 / 10 / 20
Implementing Partner	Ministry of Land, Infrastructure, Transport and Turism (MLIT),National Land Planing Association(NLPA)
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	MLIT HP http://www.mlit.go.jp NLPA HP http://www.kok.or.jp/

Public Participation, Consensus Building and Resettlement in Public Works Project for Asian Countries
アジア地域 公共事業における市民参加、合意形成および住民移転

Region-Focused Solution | 1284134 Continuing

10 participants

Target Countries : Asian countries

Sector : Urban/Regional Development/Other Urban and Regional Development Issues

Sub-Sector : Governance/Other Governance Issues

Language : English

Appeal

This program aims at formulation of Process Guideline for Public Involvement in public works projects which is to involve citizens from the planning stage with the environmental and social consideration in order to resolve troubles among residents in the target area, such as relocation, land acquisition and compensation by implementing the projects.

Objective/Output

[Course Objective]
Administrative officers of central governments who are engaged in public works are able to make proposals of guideline/regulation for the process of citizens participation/consensus building in the planning stage of public works projects, which includes the execution of environmental and social consideration related to the relocation of residents and land expropriation.

[Expected Module Outputs]
(1) To be able to understand and execute Public Involvement (PI) methods in the planning phases of public works projects.
(2) To be able to understand appropriate ways to conduct involuntary resident relocation and loss compensation based on environmental and social considerations, and to be able to analyze problems of systems in the participant's country,
(3) To be able to make a proposal on guideline/regulation based on the processes of public involvement and environmental and social considerations in the planning stage of public works projects.

Target Organization / Group

[Target Organizations]
Ministries in charge of planning and execution of the public works infrastructure projects

[Target Group]
(1) Administrative officers engaged in the execution of public participation, consensus building and resettlement in public works projects in the related department/Ministries
(2) Have more than five years of experience

Contents

[Preliminary Phase in home country]
Submit Inception Report

[Core Phase in Japan]
(1) History and present status of infrastructure development, Public involvement in planning stage of road projects in Japan,Practical public involvement methods, Examples of public involvement in public works projects
(2)-1 Basic policy:
1) Resident relocation policy, public compensation system in Japan;
2) Responses to involuntary resident relocation caused by public works projects;
(2)-2 Realities of involuntary resident relocation based on environmental and social considerations:
1) Responses in environmental and social considerations;
2) Project execution method understanding problems and challenges facing each aspect of execution as well as how to cope with them
(3) Discussion on the state of progress and challenges in developing systems in participants' countries, Workshop on case study, Role playing for resident discussions etc., Consultation for proposal making

[Finalization Phase in home country]
Submit the Progress Report after returning home country within six months after the training in Japan.

Program Period	2012 / 8 / 27 ～ 2012 / 9 / 28
Implementing Partner	Hokkaido University, Ministry of Land, Infrastructure and Transport, Obihiro City Government
JICA Center	JICA Hokkaido (Obihiro)
Cooperation Period	2011～2013
Remarks and Website	Solution creation type Applicants should be nominated from the same organization since the program objective is achieved through an accumulation of each year's achievement over three years.

17. Environmental Management

Air Pollution Source Management
大気汚染源管理

Group 1280286
Trainers Updated
10 participants

Target Countries :

Sector :Environmental Management/Air Pollution/Acid Rain

Sub-Sector :

Language :English

Appeal

This training program intends to transfer methodologies and techniques for air pollution control. Participants are able to acquire practical knowledge and techniques, as the city government and private enterprises in Kitakyushu City have accumulated various technologies and experience in the field through their history of pollution control and international cooperation.

Objective/Output	Target Organization / Group
[Objective] Be able to formulate and propose action plan for improvement of air pollution source management, utilizing contents of the training program. [Objective for Each Unit] (1)Be able to explain the administrative system for air pollution control in Japan. (2)Be able to explain the method of air pollution monitoring and pollutant analysis (3)Be able to explain the technologies for air pollution prevention (4)Be able to formulate an action plan for air pollution source management	[Target Organization] Governmental organizations in charge of air pollution control [Target Group] (1)Staffs in charge of air pollution control (2)Occupational experience of more than 3 years in the area (3)Be under 50 years old

Contents		
[Preliminary Phase] Preparation of a report on overview and challenges on air pollution source management. [Core Phase in Japan (lecture, practice and/or field study)] (1)History of industrial pollution and present condition, Air pollution control law, Competence inspection in the factories, Automobile exhaust gas emission (2)Air pollution monitoring, Air pollutant analysis, Dust, Sulfur oxides and nitrogen oxides, Fluorine compounds, Automobile exhaust gas analysis (3)Cleaner production, Dust collector, Desulfurization and denitrification, Visit to factories (4)Action plan formulation and discussions [Finalization Phase] Formulation and submission of reports to present progress of Action Plan	Program Period	2012/10/14 ～ 2012/12/1
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Countermeasure against Automobile Pollution in Urban Area
都市における自動車公害対策

Group 1280287
Solution Updated
10 participants

Target Countries : Countries that require automobile pollution prevention plans

Sector : Environmental Management/Air Pollution/Acid Rain

Sub-Sector :

Language : English

Appeal

This course offers methods to design automobile pollution prevention plans, focusing on automobile pollution countermeasures as mobile emission source among various causes of air pollution, taking into account not only technical aspects of automobile exhaust gas countermeasures but also social aspects such as urban transport planning and responses to Environmentally Sustainable Transport (EST).

Objective/Output

【Objective】
Ability to prepare plans for automobile pollution countermeasures will be improved in participating organizations.

【Objective for each unit】
[Preliminary Phase]
1. Identify problems about automobile pollution in their organizations (in charge of automobile pollution control and urban/ traffic planning).
[Phase in Japan]
2. Understand about outlines of automobile pollution countermeasures through case studies of Osaka (countermeasure methodology, relationship with citizens).
3. (Key issue of 2nd year) Understand automobile emissions in participating country and methods of emission management as the basis of preparing automobile pollution countermeasures
4. (Key issue of 3rd year) Understand the planning principle for introduction and dissemination of sustainable transport system and acquire methods of public education.
5. Prepare a draft action plan for countermeasures against automobile pollution.
[Finalization Phase]
6. Share and examine the draft action plan in the participating organizations.

Target Organization / Group

Organization:
National and local government organization in charge of drafting policies for automobile pollution countermeasures and urban traffic countermeasures

Experience:
Administrative or engineering official who belongs to the above organization. 3 years of experience working with environmental controls.

Age:
be under 50 years old

Language:
have a competent command of spoken and written English

Contents

[Preliminary Phase]
1. Preparation of Job Report

[Phase in Japan]
2. Laws and ordinances, history and case studies of automobile pollution countermeasures in Osaka City, experiences of automobile pollution prevention plans of Osaka City
3. Observation: air pollution constant monitoring facility, real vehicle experiment of automobile exhaust gas
Practice: measurement of automobile exhaust gas, calculation of emissions
4. Urban traffic planning, investigation and projection of traffic volume, EST, traffic jam countermeasures, mobility management
5. Presentation of Job Report, workshop and presentation of Action Plan

[Finalization Phase]
6. Sharing and improvement of Action Plan in the participating organization, submission of Follow-up Report describing progress of Action Plan.

Program Period	2012 / 9/24 ～ 2012 /11/15
Implementing Partner	Under Planning
JICA Center	JICA Kansai (II)
Cooperation Period	2012～2014
Remarks and Website	

Air Quality Management Policy
大気保全政策

Group 1280864
Solution Continuing
10 participants

Target Countries :

Sector :Environmental Management/Air Pollution/Acid Rain

Sub-Sector :

Language :English

Appeal

The course aims to contribute to the improvement of the air pollution control policy in the participating countries from the technical and socioeconomic viewpoints. The course is composed of lectures/discussions and observation tours. By placing emphasis on the air pollution control policy of Japan, it is intended to share the Japanese specific experience with the participants and to enhance heart -felt discussions among them.

Objective/Output	Target Organization / Group
Participants are expected to contribute to the improvement of air pollution policy in their own countries by making best use of the knowledge and technology on air quality management policy acquired in Japan. 1 To acquire the knowledge of whole system of air quality management, 2 To examine technical aspects of air pollution countermeasures (stationary and mobile sources),and air quality monitoring method, 3 To deepen understanding by exchanging opinions of current status of air quality and counter-measures in each country, and 4 To formulate an Action Plan for solutions of air pollution control problems.	・University graduates or holders of equivalent technical knowledge/ qualification ・More than three years professional experience ・Technical officials in the central or local government responsible for air quality control policy

Contents

Lecture:
History of Japan's Countermeasures against Air Pollution, Air Pollution Control Administration, Outline of Air Pollution Issues, Environmental Quality Standards and Health Effect, Countermeasures against Hazardous Air Pollutants, Air Pollution Control Technology and Energy Issues, Air Pollution Control Measures by Private Enterprises (Power Company and Steel Company), Techniques for Measurement of Air Pollution and Sampling

Observe:
Air Pollution Countermeasures of Small and Medium sized Enterprises, Municipal Solid Waste Incineration Plant, Ambient Air Telemetry System, Roadside Ambient Monitoring Station

Practice:
Techniques for Measurement of Air Pollution

Program Period	2013 / 1/ 7 ～ 2013 / 2 / 23
Implementing Partner	Ministry of Environment Japan Environmental Sanitation Center(JESC)
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2010～2012
Remarks and Website	JESC http://www.jesc.or.jp/en/index.html

Domestic Wastewater Treatment Techniques
生活排水対策

Group 1280006
Solution Continuing
8 participants

Target Countries :

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English

Appeal

This course aims to develop capacity of central/local government to formulate measures adaptive to their own countries regarding waste water management

Objective/Output	Target Organization / Group
[Objective] Effective policy targeting waste water management is formulated by corresponding organizations in central/local government. [Objective for Each Unit] (1)Being able to explain measures taken by central/local government in Japan regarding waste water management. (2)Being able to propose effective measures based on basic idea of waste water management systems and techniques. (3)Being able to explain and apply how to measure pollution (4)Being able to explain effective treatment measures against pollution from viewpoint of water recycle and water circulation (5)Action plan is formulated, and its implementation is reported through final report.	This program is offered to technical staffs dealing with waterworks and sewerage in central/local government.

Contents		
Participants will learn followings through lectures, site visits, practices and discussions: (1)Overview of local administration on water quality control and waste treatment (2)Wastewater treatment technique, waste disposal, and septic tank (3)Water quality evaluation and bacterial contamination monitoring (4)Overview of water service in Kitakyushu City, reservoir and water treatment facilities (5)Job report formulation & presentation, project cycle management, and action plan formulation & presentation	Program Period	2012 / 8 / 19 ～ 2012 / 12 / 1
	Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Operation and Maintenance of Sewerage System and Waste Water Treatment Technique
下水道維持管理システムと排水処理技術

Group 1280103
Trainers Continuing
10 participants

Target Countries : Applying countries are supposed to possess sewer systems.

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English

Appeal

This program is designed for senior engineers engaged in operation & maintenance of sewer works. Under consultations by Fukuoka City Government or Kitakyushu City Government, lectures and site observations are efficiently combined into a program.
This program will be highly beneficial, if it could be related to overseas projects targeting establishment of sewer facilities or capacity development of operation of the facilities.
The training courses will also introduce a rather small scale sewer system of small to medium sized community in Kyushu area as well as the facilities and resources the two city governments own.

Objective/Output	Target Organization / Group
[Course Objective] Participants will be able to formulate & propose action plans to introduce sewer treatment & maintenance systems & techniques, utilizing the program. [Objective for Each Unit] (1) Be able to explain basic knowledge of sewerage systems and wastewater treatment (2) Be able to explain necessary knowledge for planning and designing of sewerage systems (3) Be able to explain necessary knowledge for maintaining sewerage systems (4) Be able to explain necessary knowledge for industrial wastewater treatment and pretreatment facilities for discharge to sewerage systems (5) Be able to formulate and propose sewerage systems improvement plans as "Action Plans"	[Target Organization] Governmental organization engaged in sewerage [Target Group] (1)Engineers engaged in sewer works (2)Occupational experience of more than 5 years in the area (3)Be under 50 years old

Contents		
Participants will learn following subjects through lectures, site visits, practices, discussions and presentations. (1) Overview of environmental management policies in Fukuoka City or Kitakyushu City, Sewerage system in the local government (2) Planning and construction of a sewage plant, Treatment of sewage (3) Maintenance management for wastewater treatment plant, Quality control in sewage treatment, (4) Water quality regulation for plants and factories, Wastewater treatment plant, Practical demonstrations of water quality management (5) Action plan preparation & presentation, formulation & submission of final report	Program Period	2012 / 8 / 19 ～ 2012 / 9 / 29
	Implementing Partner	Fukuoka City Government, Kitakyushu International Techno-Cooperative Association
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	First Training Course (Fukuoka City): 2012/8/19-2012/9/29 Second Training Course (Kitakyushu City): 2013/1/14-2013/3/9

Sewerage Technology for Wastewater Control and Urban Drainage
下水道維持管理･都市排水

Group 1280105
Trainers Continuing
14 participants

Target Countries :

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English

Appeal

This program is organized so that participants can learn practical knowledge and technology on such topics as below: Operation and maintenance of sewer channels and treatment facilities, utilization of treated water and sludge as useful resources and regulation of factory effluent.

Objective/Output

【Course Objective】
Based on the Action Plan proposed by respective participant, the acquired knowledge or skills shall be shared in his/her organization.

【Expected Module Outputs】
(1) To acquire and explain basic knowledge of sewerage systems and wastewater treatment.
(2) To acquire and explain knowledge necessary for planning, designing and construction of sewerage systems.(sewer network, wastewater treatment plants)
(3) To acquire and explain knowledge necessary for operation and maintenance of sewerage systems. (sewer network, wastewater treatment plants)
(4) To acquire and explain knowledge necessary for sewerage administration and International cooperation.
(5) To propose sewerage systems improvement plans as "Action Plans" for the participant's respective countries, based on the knowledge and experiences acquired during the course.

Target Organization / Group

【Target Organizations】
National/Local authority in charge of wastewater treatment, sewerage work and storm-water drainage

【Target Group】
(1) Senior technical officers in charge of sewerage and drainage management in central /local government.
(2) University graduate or those who have equivalent technical qualifications in this field, and have more than five(5) years of practical experiences.
(3) *Proficient in spoken and written English *Computer operation ability (Power Point, simulation) *under 40 years of age

Contents

【Activity in Preliminary Phase in home country】
Country Report is formulated to clarify the present situation and problems in the sewerage system of the participating country.

【Activity in Core Phase in Japan】
(1) General knowledge on the regulation and situation of sewerage system in Japan, especially in Osaka.(Lecture)
(2) Planning, designing and construction of Sewerage facilities.(Lecture, Observation)
(3) Operation and Maintenance of sewerage systems.(Lecture, Observation)
(4) Sewerage Administration and international cooperation.(Lecture)
(5) Preparation/Presentation of Action Plan.

【Activity in Finalization Phase in home country】
Knowledge/skills acquired during the training in Japan is shared among the relevant engineers in the participating organization. Report to JICA on the progress of the activity.

Program Period	2012/ 8/27 ～ 2012/11/2
Implementing Partner	Public Works Bureau, Osaka City. Urban Infra-structure Technology Center Foundation
JICA Center	JICA Kansai (I)
Cooperation Period	2011～2013
Remarks and Website	

Water Environment Administration
水環境行政

Group 1280260
Trainers New
10 participants

Target Countries :

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English

Appeal

This training program intends to transfer techniques and know-how of the national/local governments and private enterprises on water environment management. Since this training course covers various topics in a short period, the participation of the counterparts of related projects is recommended.

Objective/Output	Target Organization / Group
[Objective] Be able to formulate and propose action plan for improvement of water environment administration, utilizing contents of the training program. [Objective for Each Unit] (1)Be able to explain about overview of national policies on water environment. (2)Be able to explain about water environment management in the local governments. (3)Be able to explain about water environment conservation activities by private enterprises. (4)Be able to formulate an action plan for improvement of water environment administration.	[Target Organization] Ministries or departments in charge of water environment management [Target Group] (1)Staffs in charge of monitoring, inspection, or inventory (2)Occupational experience of more than 3 years in the area (3)Be under 50 years old

Contents		
[Preliminary Phase] Preparation of a report on overview and challenges on air pollution source management. [Core Phase in Japan (lecture, practice and/or field study)] (1)Pollution control in Japan, national policies for water environment conservation (2)Local policies for water environment conservation, monitoring of water quality, domestic wastewater control, activities for awareness raising, treaty on pollution prevention (3)Industrial wastewater treatment techniques, industrial wastewater management, wastewater control in small and medium enterprises, pollution control officer (4)Action plan formulation and discussions [Finalization Phase] Formulation and submission of reports to present progress of Action Plan	Program Period	2012 / 7/ 1 ～ 2012 / 7 /14
	Implementing Partner	Under Planning
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	Second Training Course (Viet Nam Only): 2013/2/3-2013/2/16

Sewage Works Engineering and Stormwater Drainage Technology
下水道技術･都市排水

Group 1280779
Solution Continuing

Target Countries :

20 participants

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English

Appeal

This program is designed for governmental organization on sewage works to achieve consensus for challenges on sewage works engineering and stormwater drainage among the related persons and clarify the points on implementing projects and business for the solution.

Objective/Output	Target Organization / Group
[Objectives] This program aims at achieving consensus for challenges on sewage works and stormwater drainage management among the related persons and clarify the issues on implementing projects and business for the solution. [Expected Results] (1) To understand and explain the related factors and procedure/methods for the designing/implementation of sewage works engineering and stormwater drainage technology (2) To analyze the challenges on sewerage and/or stormwater drainage works in relevant organization and formulate an improvement plan (3) To achieve consensus for challenges on sewage and/or stormwater drainage works among the related persons and clarify the issues on implementing projects and business for the solution	<Target Organization>Administrative organizations concerning with sewage works engineering and stormwater drainage technology <Target Group> (1) To be senior technical officers engaged in sewage works and/or storm water drainage in central or local governments (2) To have more than three (3) years of experience in sewage works and/or storm water drainage technology (3) To be university graduates or persons who have equivalent technical qualifications in the field of sewage works and/or storm water drainage (4) To be under forty (40) years of age etc.

Contents		
[Preliminary Phase] Formulation of the Country Report [Core Phase] The participants can identify the issue of their organization through making their country reports and lectures in Japan. They will also make up the improvement plan on their issue by advice and instruction of tutor, and make presentation on their improvement plan. [Finalization Phase] The participants will make presentation to their related persons in their organization about their improvement plan, and make report on their progress about their plan within six months.	Program Period	under planning
	Implementing Partner	Sewerage Business Management Centre (SBMC)
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Industrial Wastewater Treatment Techniques
産業廃水処理技術

Group 1280815
Solution Continuing
7 participants

Target Countries :

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English/Vietnamese

Appeal

This training program provides the participants with not only lectures but various workshops such as water quality test and designing exercise, so that the participants can strengthen the capacity to take appropriate treatment measures in the actual field. In particular, participants can foster applied skills through designing wastewater treatment facility by themselves using CAD. Kitakyushu City has a rich experience in overcoming pollution. Participants can learn using a wealth of examples

Objective/Output	Target Organization / Group
[Objectives] Participants will be able to formulate and propose action plans to control industrial waste water, utilizing contents of the training program. [Objective for Each Unit] (1)To understand the importance of wastewater treatment and the water pollution (2)To understand the water pollution control process, and the general concept of wastewater treatment technologies (3)To acquire the method of selecting wastewater treatment by analysis, and the basic design of wastewater treatment facilities (4)To understand the techniques concerning the detail design and manufacturing control of the facilities for precipitation filtration, neutralization, removal of oil contents etc. (5)To formulate action plans, utilizing contents of the program.	[Current Duties] Be engineers in charge of wastewater treatment in government / municipal offices or manufacturing industries [Experience] (1)Have more than more than 5 years of occupational experience in the field of wastewater treatment (2)Be a university graduate, majoring in chemical, mechanical, electrical or civil engineering, or the equivalent. (3)Be fluent in English (TOEFL score 500 or more is preferred)

Contents		
[Preliminary Phase in a participant's home country] Applying organizations are required to submit the Job Report and the Issue Analysis Sheet together with the application form for selection in Japan. [Core Phase in Japan (lecture, practice and/or field study)] (1)Basic of Water Pollution Control Policies (2)Basic Theory of Wastewater Treatment and Functions of Facilities (3)Basic Plan of Wastewater Treatment (Design and Construction of Wastewater Treatment Facilities) (4)Operation and Maintenance of Wastewater Treatment Facilities (5)Formulation of Action Plan [Finalization Phase in a participant's home country] Application and implementation of the action plan is discussed in the participant's organization and its result will be submitted after leaving Japan, based on the follow-up questionnaire to be provided during the phase in Japan.	Program Period	2012 / 7 / 29 ～ 2012 / 11 / 23
	Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	Second Training Course (Viet Nam Only): 2013/2/17-2013/4/20

Water Environmental Monitoring
水環境モニタリング

Group 1280962
Trainers Continuing
11 participants

Target Countries :

Sector :Environmental Management/Water Pollution

Sub-Sector :

Language :English

Appeal

This program is designed for leading technical officers and laboratory staffs in the field of water quality monitoring to enhance their technical capabilities and to help them develop action plans for improving their operations. This training, providing opportunities to have exercises, site visits, etc. to learn the Japanese experiences and techniques on water pollution prevention, has a great meaning for countries suffering from water pollution.

Objective/Output	Target Organization / Group
[Objective] This program is designed for leading technical officers and laboratory staffs in the field of water quality monitoring to enhance their technical capabilities and to help them develop action plans for improving their operations. [Expected Results] 1. To be able to explain relations between various economic and social activities and water pollutions, mechanism of water pollutions and their effects on ecosystems, 2. To be able to explain the water quality management system based on water quality monitoring, 3. To gain essential and most relevant skills and methods to water quality monitoring and data processing and to make practice report, and 4. To analyze the challenges on water quality monitoring done in respective countries and to formulate an action plan.	(1)be technical officers or laboratory staffs in the field of water quality monitoring in central/local government or public institutions, (2)be university graduates (science or engineering) or have the equivalent academic background, and have enough knowledge on water environment, (3)not be less than twenty five(25) and not be more than thirty five (35) years of age, (4)have sufficient command of discussing and making presentation in English

Contents		
[Preliminary Phase] Formulation of the Country Report [Core Phase] L: History of Water Pollution Problem in Japan L: Mechanism of Water Pollution L/V: Water Pollution and Its Effect L: Method of Sampling P: Measurement of Flow Rate and Velocity P: Analysis of Poisonous Organic Compound / Agrichemicals (HPLC) P: Analysis of Volatile Organic Compound (Headspace/GC/ECD) P: Analysis of Organic Compound(COD/TOC) P: Analysis of Microorganism P: Analysis of Benthic Environment P: Analysis of Poisonous Metal (AAS) P: Method of Analytical Data Processing [Finalization Phase] Action Plan introduction (presentation or discussion with related persons)	Program Period	2012 / 9 / 2 ～ 2012 / 10 / 20
	Implementing Partner	The National Environmental Research and Training Institute (NETI) Japan Environmental Sanitation Center (JESC)
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	The National Environmental Research and Training Institute http://www.neti.env.go.jp/english/index.html Japan Environmental Sanitation Center (JESC) http://www.jesc.or.jp/en/index.html

The Integrated Water Management of Coastal Seas / Bays and Catchment Areas
沿岸域･内湾およびその集水域における統合的水環境管理

Group 1280997
Solution Continuing
10 participants

Target Countries :

Sector :Environmental Management/Water Pollution

Sub-Sector :Environmental Management/Water Pollution

Language :English

Appeal

This program is designed for making the integrated water management plan for the water pollution for the coastal seas/bays and catchment area where the water pollution including eutrophication is severe.

Objective/Output

【Objective】
Participants and their organizations will formulate an Action Plan and implement the Action Plan for the improvement of the water management capacity and the water environment in the coastal seas/bays and catchment areas in respective countries.

【Outputs】
1. Present situation and problems which should be solved in water environment management of the coastal seas/bays areas in respective countries are clarified through preparation and presentation of Inception Report.
2. The mechanism of the water pollution and the technique of environmental protection in the coastal seas/bays and catchment areas are comprehended, and those mechanisms of respective countries are clarified.
3. The approaches for the water environmental protection in the coastal seas/bays and catchment areas are comprehended, and the appropriate measures for respective countries are clarified.
4. Through the outputs of (2) & (3), participants formulate an Action Plan for improving water environment in the coastal seas/bays and catchment areas in their respective countries

Target Organization / Group

【Target Organization】
central government (Ministry of Environment, Agriculture, Forestry, Fisheries, Natural Recourses, Home Affairs, Internal Affairs and Communications), local government or central research institution which is responsible for water management of the coastal/ bays and catchment areas.

【Target Group】
・officers, educators, and engineers in administrative bodies who presently need information and /or experience on the environmental management of enclosed coastal seas
・Job experience: more than 5 years in the field

Contents

【Preliminary phase in a participant's home country】
To formulate and submit Inception Report through discussion among the staff in respective organizations

【Core phase in Japan】
1. Presentation of the Inception Report

2. General view of water pollution and provision
A phenomenon of water pollution and its mechanism
Model analysis of water pollution
Field survey method and measurement for coastal seas/bays and catchment areas
Ecosystem and material cycle
Water environmental management and restoration technology

3. Environmental law and policy
Integrated water management

4. Workshop and consultation for formulation of an Action Plan

【Finalization phase in a participant's home country】
After returning to their countries, participants and their organizations revise and implement the Action Plan for improving water management capacity.

Program Period	2012/ 9/ 3 ～ 2012/11/3
Implementing Partner	International EMECS Center (International Center for Environmental Management of Enclosed Coastal Seas)
JICA Center	JICA Kansai (Ⅱ)
Cooperation Period	2010～2012
Remarks and Website	http://www.emecs.or.jp/index-e.html

Sewage Treatment Technique for Central America and the Caribbean
中米・カリブ地域「生活排水処理」

Region-Focused Trainers | 1284018 Continuing | 7 participants

Target Countries : Central America and the Caribbean's

Sector : Environmental Management/Water Pollution

Sub-Sector :

Language : Spanish

Appeal

This program is designed for participants to gain necessary knowledge & techniques to implement a sewage treatment system suited to their respective countries. While in Japan, participants will summarize what they have learnt and prepare dissemination materials to be used in their respective countries. The main focus is paid to sewage planning, maintenance of sewage treatment plants, and various sewage treatment techniques.

Objective/Output

【Course Objective】
Participants will gain necessary knowledge and skills to plan and implement a sewage treatment system suited to their countries, and share the knowledge within their respective countries.

【Expected Outputs】
(1) To understand the issues of the sewage treatment in their respective countries.
(2) To understand the importance of sewage treatment in relation to the preservation of water-environment and living-environment.
(3) To gain basic knowledge on sewage treatment planning.
(4) To gain basic knowledge on sewage treatment techniques.
(5) To gain basic knowledge on maintenance and management techniques of sewage treatment facilities.
(6) To plan dissemination lectures/workshops based on the training course and implement them within their respective organizations.

Target Organization / Group

【Target Organization】
・Central/local government and public organizations in charge of planning, operation, maintenance and management of sewage treatment facilities.

【Target Group】
・Technical officials in charge of sewage treatment at central/local government or public organizations
・3 years of experience in the field concerned
・The belonging organization owns a sewage treatment facility, or is in charge of its plan, operation and maintenance

Contents

【Preliminary Phase】
Formulation and submission of Job/country report

【Core Phase in Japan】
・ Issue Analysis Workshop
・ Issues on water environment and sewage treatment
・ Japan's experience on the sewage treatment regulations and current problems
・ Theory of sewage treatment planning
・ Sewage treatment management
・ Issues of sewage treatment planning in developing countries
・ General theory of sewage treatment technique
・ Current conditions of the disposal site in Higashihiroshima
・ Maintenance and management of sewage treatment facilities
・ Preparation and presentation of dissemination materials

【Finalization Phase】
・ Dissemination activities (in home country)
・ Submission of progress report

Program Period	2012 / 9/19 ～ 2012 / 11 / 2
Implementing Partner	HigashiHiroshima City
JICA Center	JICA Chugoku
Cooperation Period	2010～2012
Remarks and Website	

Creation of Recycling Society based on Hazardous Waste Management and Appropriate Disposal in Asia
有害廃棄物管理･適正処理を基盤とするアジアの循環型社会形成

Region-Focused Solution | 1284209 Continuing

12 participants

Target Countries : Asian countries

Sector : Environmental Management/Industrial Solid Wastes

Sub-Sector :

Language : English

Appeal

This program is designed for Authority in charge of the waste management of LGU and Central Government to learn appropriate disposal of waste recycling and hazardous waste, aiming at the improvement of the plan-making ability of waste management for creation of recycling society.

Objective/Output	Target Organization / Group
Issues for implementation/improvement of the Hazardous Waste Management and the waste recycling are identified, and the policy direction becomes clear. To be able to explain the issues of hazardous waste, including their background and existing counter measures. Respective duty and issues within his/her organization will be confirmed/identified. To understand the waste management administration system for recycle-based society, and be able to compare the case of Japan with respective country's situations. To understand the technology of hazardous waste disposal(Waste collection, Transportation, Intermediate Processing, Final Disposal, Reuse, Recycling) and be able to compare the case of Japan with their respective country's situations. Based on the problem analysis of each organization, which participants come from, the action plans in respective country will be prepared. Discussions on the future plans for improvement of Hazardous Waste Management administration are undertaken and clear future directions are presented.	1) Current Duties: be mid-career officials presently in charge of hazardous waste management and central government agencies 2) Educational Background: be university graduates or possess equivalent technical qualifications in this field 3) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more 4) Health: must be in good health, both physically and mentally, to undergo the course 5) Must not be serving any form of military service.

Contents		
(Preliminary Phase) Make the Job Reports, presentations and discussions. (Core Phase in Japan) 1.Discuss for problem resolution of trainee by learning the policy for formulation the recycle-based society by the national and local government, the system for waste management administration and role of stake-holder. 2.Discuss problem resolutions of trainees by learning the efforts about the hazardous waste disposal technology used by local government and private companies through lectures, field visits and practical work. 3.Preparation and presentation of country reports, interim discussions and provision of advice for action plans. (Finalization Phase) Sharing the action plan in their own countries and report the progress of the action plan.	Program Period	2012 / 7 / 12 ～ 2012 / 8 / 10
	Implementing Partner	Japan Environmental Sanitation Center
	JICA Center	JICA Yokohama
	Cooperation Period	2010～2012
	Remarks and Website	

Seminar on Recycling Industrial Policy
アジアリサイクル産業政策セミナー

Region-Focused Solution | 1284421 Updated

7 participants

Target Countries : Asia

Sector : Environmental Management/Industrial Solid Wastes

Sub-Sector : Private Sector Development/Small and Medium Enterprises/Supporting Industries Promotion

Language : English

Appeal

To achieve sustainable economic growth in Asia, we need to establish recycling society in each country and implement effective utilization of resources. For the purpose, the important approach is not only regulative policy but industrial policy. This seminar fosters talent to plan policy for developing recycling industry through learning 3R policy in Japan, key concepts and measures for industrial policy.

Objective/Output

【Objective】
Participants will be able to understand key concepts related to recycling industrial policy, and enhance their capacity for planning policy which promotes development of recycling industry in their home country.

【Outputs】
1.(Preparatory activity) To understand and recognize the current situation, issues and problems of the recycling industry to be tackled.
2. To understand the background and necessity of creating a society with an environmentally-sound material cycle in each Asian country, and an essential policy approaches for this purpose.
3. To Understand recycling systems and policies in Japan and explain difference from systems in their own countries.
4. To be able to explain key concepts related to 3R Industrial Policy.
5. To understand the differences in recycling facilities between Japan and their own countries through visits to facilities related to recycling.
6. To be able to explain the applicability of recycling systems in each countries.
7. To draft action plan for promoting recycling industrial policy in their countries.
8. (Follow-up activities) Introduce each activity in their country, and handover to the participants for the following year.

Target Organization / Group

【Target Organizations】
Authorities and related public agencies engaged in development of recycling industrial policy currently or in the future.

【Target Group】
Administrative officers in charge of development of recycling industrial policy currently or in the future. Relevant experience is not required as a condition.

Contents

1. Presentation of Country Report/Discussion
2. Background of the necessity for society with an environmentally-sound material cycle, 3R policy, Recycling Industrial Policy approach.
3. Laws relating to 3R, Environmental organization (Eco-Town projects), Comparison of each countries.
4. Key concepts related to 3R Industrial Policy (Extended Producer Responsibility (EPR), ustrial Parks (EIP), Zero Emissions, Quality standards for recyclables and products made from recycled material, 3R statistics and role for ministry in charge of industrial)
5. Visits to recycling facilities and production facilities
6. Group discussions and presentations on recycling policy in their countries in the view of environmental regulation policy and industrial policy.
7. Action Plan for promoting recycling industrial policy in their countries.
8. (Follow-up activities) Report to their own organizations, and follow-up report to JICA

Program Period	under planning
Implementing Partner	Under Planning
JICA Center	JICA Tokyo(Economy&Env.)
Cooperation Period	2012～2014
Remarks and Website	This course follows the policy recommendation by Economic Research Institute for ASEAN and East Asia(ERIA) towards integration in Asian countries.

Solid Waste Management by Local Government
地方自治体における廃棄物処理

Group 1280091
Solution Continuing

Target Countries :

10 participants

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :Environmental Management/Urban Solid Wastes

Language :English

Appeal

The courses (A & B) provide the overview and techniques of waste dispersal, from waste reduction, sorted collection, intermediate treatment to final disposal, and in consideration with social and economic situation as well as health and sanitation.
Participants will get findings from the multi-approaches among citizens, private sectors and government, and formulate practical action plan to improve the issues in the respective country.
The courses (C & D) provide the knowledge to understand the method to make a sustainable society through activities of local government and communities in Japan, especially Nishinomiya city of Hyogo Prefecture. Participants will make an action plan concerning measures necessary for the building of a sustainable recycle-oriented society. The target area of C course is Pacific region, and the target area of D course is Asian region.

Objective/Output	Target Organization / Group
【Objective】 A draft plan for improvement of solid waste management will be formulated by a local government of an area designated as a model. 【Outputs】 (1) To grasp the reality and issues on waste management and to extract practical hints for solution through exchanging views among participants (2) To be able to explain the current state of measures against waste taken by a local government for the effective use in each country. (Planning, Effective collection, Transportation method and Sanitary treatment/disposal method etc.) (3) To be able to explain the roles of and cooperation among citizens, businesses, and local governments for the appropriate waste management (4) Action plan is formulated to solve issues related to waste management based on the reality of each country (5) Action Plan will be studied by each participating organization	【Target Organizations】 Local governments & related organizations engaged in solid waste management of a model area designated by each country. 【Target Group】 (1)Current Duties: be an administrative officer/ technical officer engaged in solid waste management. Officers of the national government, in charge of supporting local governments, are also qualified. (2)Experience: have more than 3 years' experience in the field of solid waste treatment or have equivalent level of knowledge. (3)Others: participants should stay engaged in solid waste management after the program.

Contents

【Preliminary Phase in a participant's home country】
Formulation and submission of Inception Report

【Core Phase】
Related to output (1):
Sharing the information & ideas on waste (type and composition) through report presentation & discussion
Related to output (2):
Waste treatment planning, Reducing wastes, Waste collection, Intermediate treatment, Waste incineration, Final disposal and Recycling. Discussion and suggestions to apply the above mentioned items to participants' countries.
Related to output (3):
Citizens' role and the importance of the collaboration between local government and citizens in the field of solid waste management, environmental education and public awareness to reduce waste.
Related to output (4):
Workshop and Discussion to design action plan and its improvement through individual guidance

【Finalization Phase】
Submission of final report to JICA

Program Period	2012 / 8 / 20 ～ 2012 / 10 / 13
Implementing Partner	Hyogo Environmental Advancement Association, Learning and Ecological Activities Foundation for Children
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	This course will be conducted 4 times in FY 2012. A: 2012/8/20～2012/10/13 B: 2013/1/14～2013/3/9 C: 2012/11/5～2012/12/1 D: 2012/6/25～2012/7/21

Waste Management Technique
廃棄物管理技術

Group 1280100
Solution Continuing
8 participants

Target Countries :

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :English/Vietnamese

Appeal

This program is designed for engineers engaged in waste management. Participants will have many opportunities to learn & practice about waste management techniques such as sanitary landfill and composting, together with measures to promote community participation, focusing on environmental education systems.
It would be highly beneficial, if the applying organizations are planning to improve waste management systems, final disposal sites, and awareness raising.

Objective/Output	Target Organization / Group
[Course Objective] Participants will be able to formulate & propose action plans to improve waste management processes (discharge/storage, collection, intermediate treatment and final disposal), utilizing the program. [Objective for Each Unit] (1)Be able to explain the historical process of environmental policy and waste management system in Japan. (2)Be able to explain waste treatment processes (collection, transportation, intermediate treatment, recycling, and composting) in Japan (3)Be able to explain the techniques and measures of final disposal site in Japan. (4)Be able to explain concrete methods of environmental education and awareness raising. (5)Be able to formulate and present action plans	[Target Organization] Governmental organization engaged in waste management [Target Group] (1)Engineers in charge of waste management processes (discharge/ storage, collection, intermediate treatment and final disposal) (2)Occupational experience of more than 3 years in the area (3)Be under 45 years old

Contents		
Participants will learn the followings through lectures, site visits, practices, discussions and presentations. (1)Overview of waste management, Waste treatment in Kitakyushu City, Industrial waste management, Promotion of sound material cycle society, Environmental impact assessment, Global issues (2)Composting, Time and motion study, Waste composition, Treatment of hazardous waste, Eco-town project, (3)Regulation and structure of final disposal site, Maintenance of final disposal site, Application to overseas, Methane fermentation (4)Environmental education in Kitakyushu City, Waste reduction activities in communities, Trainers' training by JICA, Environmental Museum and volunteer activities (5)Project cycle management, Action plan formulation & presentation, Preparation of final report	Program Period	2012 / 7 / 22 ～ 2012 / 9 / 22
	Implementing Partner	Kitakyushu International Techno-cooperative Association
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	Second Training Course: 2012/10/21 - 2012/12/22 Third Training Course (Only for Viet Nam): 2013/2/17 - 2013/4/20

Management of Composting Project
コンポスト事業運営

Group 1280257
Solution New

Target Countries :

10 participants

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :English

Appeal

This training program intends to transfer techniques and know-hows on management of composting projects, including technical information, quality control, marketing, and capacity development of stakeholders. Since organic waste represents around 60% of total waste in developing countries, promotion of composting is effective as a measure to reduce solid waste.

Objective/Output	Target Organization / Group
[Objective] The drafted action plan at the end of the training course is actually implemented as it is planned in the organizations in charge of composting projects in the local government. [Objective for Each Unit] (1)Be able to explain about overview of national/local policies and systems on waste management. (2)Be able to explain about overview of technical information of composting. (3)Be able to explain about marketing strategies and distribution channels. (4)Be able to formulate an action plan to improve composting projects.	[Target Organization] Departments that deal with waste management in the local government, especially using composting methods The participants should be in charge of waste management at the local government. [Target Group] (1)Be in charge of waste management at the local government (2)Have more than 3 years of occupational experience in the area of waste management at the local government (3)Be under 50 years old

Contents		
[Preliminary Phase] Preparation of a report on overview and challenges on composting projects. [Core Phase in Japan (lecture, practice and/or field study)] (1)Legal framework of sound material cycle society in Japan, overview of solid waste administration, policies and strategies of waste management in Kitakyushu City (2)Theories and practices on composting methods according to scales, observations of compost center (3)Socialization of composting projects, source separation and collection of organic waste, cost-benefit analysis of projects, observation and discussion on successful case (4)Action plan formulation and discussions [Finalization Phase] (1)Formulation and submission of reports to present progress of Action Plan (2)Follow-up seminar, according to the progress of the plans	Program Period	2012 / 8 / 26 ～ 2012 / 9 / 14
	Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Design and Maintenance of Semi Aerobic Landfill Site (Fukuoka Method)
準好気性埋立(福岡方式)処分場の設計･維持管理

Group 1280259
Solution New
10 participants

Target Countries :

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :English

Appeal

This training program intends to promote introduction and effective management of semi aerobic landfill (Fukuoka Method), one of techniques for final disposal site. Participants are able to enhance practical knowledge and techniques, as the curriculum covers design, maintenance, and conservation of surrounding environment, focusing on practices.

Objective/Output	Target Organization / Group
[Objective] Be able to formulate and propose action plan for improvement of landfill sites, utilizing contents of the training program. [Objective for Each Unit] (1)Be able to explain about various methods of waste disposal around the world. (2)Be able to explain about methodologies for designing of semi aerobic landfill. (3)Be able to explain about maintenance management of semi aerobic landfill. (4)Be able to explain about environmental management in semi aerobic landfill. (5)Be able to formulate an action plan for improvement of landfill sites.	[Target Organization] Governmental organizations in charge of management of the final disposal site [Target Group] (1)Staffs in charge of management and maintenance of the final disposal site (2)Occupational experience of more than 5 years in the area (3)Be under 50 years old

Contents		
[Preliminary Phase] Preparation of a report on overview and challenges of landfill sites. [Core Phase in Japan (lecture, practice and/or field study)] (1)Waste disposal in Fukuoka City, Examples from foreign countries to introduce semi aerobic landfill (2)Site selection, Theories on semi aerobic landfill, Construction of the new disposal site, Improvement of existing disposal site (3)Entrance management, Operations for dumping and soil-covering, Leachate treatment (4)Composition analysis of solid waste and leachate, Quality control of discharged water, Inspection of underground water and generated gas, Application to CDM (5)Action plan formulation and discussions [Finalization Phase] (1)Formulation and submission of reports to present progress of Action Plan (2)Follow-up seminars, according to the progress	Program Period	2012 / 7/ 1 ～ 2012 / 7/28
	Implementing Partner	Fukuoka Environmental Foundation
	JICA Center	JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	

Urban Solid Waste Management by Local Government
地方自治体における都市廃棄物処理

Group 1280802
Solution Continuing
12 participants

Target Countries :

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :English

Appeal

This course provides integrated training from upstream to downstream of solid waste management covering planning, collection, intermediate treatment, incineration and disposal as well as recycling. This course is carefully designed to facilitate acquiring necessary knowledge for technical staffs and administrative staffs.

Objective/Output

Overall Goal: In participatory countries, effective and efficient solid waste management plan is designed and operated
Program Objective: More effective and efficient waste management plan to be proposed and discussed in participatory countries and organizations based on the action plans designed by participants.

Expected Module Output:
(1) To realize issues on solid waste managements and get hints to address them through exchange the information and ideas with lecturers and/or other participants/
(2) To acquire knowledge and skills of urban waste countermeasures through the introduction of detailed actual conditions of waste treatment in major Japanese cities, mainly focused on Osaka city/
(3) To explain the role of citizens and the importance of the collaboration between local government and citizens/
(4) To design action plans which propose some solutions towards the issues and problems on solid waste management of each participatory country./
(5) In participants' home countries, the interim report is approved by the organization concerned.

Target Organization / Group

- Engineers or administrative officials of waste management experience in local governments (or national governments' sections which support local governments' organizations) who will continue working in the same field after the training course
- to have more than 3 years'experience
- Age: 30- 45
- to have a sufficient command of spoken and written English

Contents

- Preparation and presentation of Country Report, Current situation and problems with waste management in developing countries: Solid Waste Management for Sustainable Society, Environmental Hygiene in Developing Countries
- Current situation and problems of waste management in Japan: Waste Management Administration of Japan, Master Plan for General Waste Management in Osaka City
- Collection and transport work: Time and Motion Study (efficient use of collection vehicles)/ Intermediate treatment work: Waste Reduction Policy and Recycling Services of Osaka City, Outline of Composting & Recycle/ Final disposal: Selection and Panning of Final Disposal Site/ Waste that requires special treatment: Hazardous Waste Disposal, Disposal of Medical Waste from Laboratories and Hospital
- Collaboration with citizens: Public-Private Cooperation (Waste Reduction Promotion, Beautification)
- Action Plan preparation, presentation, discussion, sharing and improvement of Action Plan in the participating organization, submission of Follow-up Report describing progress of Action Plan

Program Period	2012 / 7 / 23 ～ 2012 / 9 / 22
Implementing Partner	Global Environment Centre Foundation(GEC)
JICA Center	JICA Kansai (II)
Cooperation Period	2011～2013
Remarks and Website	Global Environment Centre Foundation Website: http://gec.jp/ The first implementation: 2012/7/23-2012/9/22 The second implementation: 2012/10/8-2012/12/8 (planned)

Comprehensive Solid Waste Management and the 3Rs
廃棄物総合管理及び３Ｒ

Group 1280974
Solution Continuing
12 participants

Target Countries :

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :English

Appeal

This program is designed for national and local government officials to identify a direction of policy development for the improvement of the situations related to the waste management and recycling through learning the policies and technologies for sound waste management and the 3Rs (Reduce, Reuse and Recycling) of Japan.

Objective/Output	Target Organization / Group
The expected outcome of this program is for the organization to which a participant belongs to sort out directions of policy development for the improvement of waste management in their own countries based on an action plan to be drawn up by the participant through this program. 1 To be able to explain the overview and guiding principles of Japan's policy systems and technologies for waste management and the establishment of sound material-cycle society. 2 To be able to explain the overview and features of Japan's systems and policies for waste management and the 3Rs 3 To be able to explain waste management technologies that could be applicable to their own countries 4 To draw up an action plan for the improvement of waste management and recycling administration, taking account of the analysis of issues the participant's organization are facing.	1) Be ranked as at least a director in charge of SWM planning in central governments, provincial governments or local bodies 2) Have more than 2 years' experience in the relevant field 3) Be university graduates or possess equivalent technical qualifications in this field 4) Language: have a competent command of spoken and written English which is equal to TOEFL CBT 250 or more 5) Health: must be in good health, both physically and mentally 6) Must not be serving any form of military service.

Contents

(Preliminary Phase)
Making the Job Reports, presentations and discussions.

(Core Phase in Japan)
1. Learning the system and mechanisms for waste management in Japan.
2. Discussing the problem resolutions of trainees by learning the management and technologies for waste management and 3R.
3. Preparing and presentation of Action Plan.

(Finalization Phase)
Sharing the action plan in their own countries.

Program Period	2012 / 6 / 6 ～ 2012 / 7 / 28
Implementing Partner	Japan Environmental Sanitation Center
JICA Center	JICA Yokohama
Cooperation Period	2010～2012
Remarks and Website	

Capacity Development for Local Government in Comprehensive Solid Waste Management in the Republic of Peru
ペルー国向け地方自治体のための固形廃棄物総合管理

Region-Focused Solution | 1284017 Continuing

15 participants

Target Countries : PERU

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :Spanish

Appeal

The course is about the issue of solid waste in urban area which is urgently needed to be tackled. The course will introduce the practical cases in Japan, such as examples of 3R activities in societies, management policy of the local government, treatment techniques, new energy generation by the solid waste etc. The formulation or revision of master plan by each participant is expected as a result of the course.

Objective/Output	Target Organization / Group
【Purpose】 A concrete Master Plan or Action Plan will be formulated or revised in each local government which the participant belongs to. 【Module (outputs)】 (1) To extract clues for improvement through understanding outline and features of the Japanese solid waste management and comparing to own country. (2) To understand techniques related to treatment of the solid waste and recycling. (3) To acquire know-how for promoting environmental consciousness through experiences (4) To present the plan for improving the system of the solid waste management in own organization and actual activities and responsibility of participants.	【Target Organization】 Local governments which are the target of Yen Loan project on waste management. 【Target Group】 (1) administrative officer in Environmental management section, who understands technical matter(technical manager or researcher is not appropriate for this course) (2) five years or more experience in waste management (3) be a university graduate or equivalent

Contents		
【Preliminary Phase in the participant's country】 (December 14-January 13 (tentative)) Formulation of Inception Report 【Training Program in Japan】 (January 14-February 20 (tentative)) (1) Find out the current problems and the improving plan among participants and overview of Solid Waste Management in Japan (2) Solid Waste Management Technologies (3) Environmental Education and awareness raising (4) Action Plan Development 【Finalization Phase in the participant's home country】 (February 21-May 30 (tentative)) (1) Implementation of the Action Plan (2) Submission of the Progress Report	Program Period	2013 / 1/14 ～ 2013 / 2/20
	Implementing Partner	International Center for Environmental Technology Transfer (ICETT)
	JICA Center	JICA Chubu
	Cooperation Period	2010～2012
	Remarks and Website	

Waste Management Technology and 3Rs for Central and South American Countries
中南米地域 廃棄物処理技術及び3R

Region-Focused Solution | 1284026 Continuing

12 participants

Target Countries : South American Countries

Sector : Environmental Management/Urban Solid Wastes

Sub-Sector :

Language : Spanish

Appeal

This program aims at improvement and strengthening of solid waste management administration through learning Japanese 3R promotion policy etc.

Objective/Output	Target Organization / Group
【Objective】 The Plan to improve solid waste management administration is officially formulated by the participants organization, based on the Action Plan proposed through the program in Japan. 【Outputs】 1.Understand administration system of solid waste management aiming at establishment of a sound material-cycle society 2.Understand waste treatment technology (collection and transportation, intermediate treatment, final disposals, reuse and recycling etc.) 3.Propose Action Plan in order to improve and strengthening of solid waste management administration, based on analysis of each problems and obtained knowledge and skills in Japan	【Target Organization】 Central or local government in charge of solid waste management including 3R (Reduce, Reuse and Recycle) 【Target Group】 1. Officers in charge of solid waste management including 3R (Reduce, Reuse and Recycle) in central / local government 2. Have at least five (5) years of practical work experience

Contents

【Preliminary Phase】
Preparation and submission of Country Report

【Phase in Japan】
1.Administration system of solid waste management: Waste management system in Japan, Approach to 3R for establishing a sound material-cycle society, Waste management and 3R policies at local government, Environmental(waste) education, Partnership with community
2.Waste treatment technology: Collection and transportation, intermediate treatment, final disposal, reuse and recycling ,Compost etc.
3.Propose “Action Plan”: Presentation of Country Report, Discussion, Presentation of Action Plan

【Finalization Phase】
Submission of the “Final Report” describing the progress of implementing the Action Plan within 3 months

Program Period	2012 / 8 / 12 ～ 2012 / 9 / 22
Implementing Partner	Japan Environmental Sanitation Center, Sapporo city
JICA Center	JICA Hokkaido (Sapporo)
Cooperation Period	2010～2012
Remarks and Website	

Waste Management for Promoting Recycling-Oriented Societies in Central and South America
中南米地域 循環型社会形成促進のための廃棄物管理

Region-Focused Solution | 1284146 Continuing | 10 participants

Target Countries : Central and South American Region

Sector : Environmental Management/Urban Solid Wastes

Sub-Sector :

Language : Spanish

Appeal

To draw applicable solution for waste management by learning from Japanese cases of 3R, management policy of administration, and technology of SWM.

Objective/Output	Target Organization / Group
【Purpose】 Comprehensive master plan or related action plan on SWM will be formulated, and accordingly, the SWM system shall be improved. Thus, current problems/ challenges in the said field will be solved and recyclable society will be further promoted in Central and South America. 【Modules (outputs)】 (1)Understanding the outline and characteristics of administrative waste management in Japan and extracting hints for improvement comparing with the status of respective country. (2)Understanding technologies for waste treatment and recycling. (3)Mastering know-how on encouragement for environmental awareness practicing by themselves focusing on waste management. (4)Presenting each of their plan in national/local government to be improved on waste management system for establishing a sound Material-Cycle Society and their role and duty accordingly.	【Target Organization】 Central and local government who are facing the solid waste management problems in Central and South American countries. Local government officials are encouraged to participate in. 【Target Group】 (1) administrative officer in Environmental management section, who understands technical matter (technical manager or researcher is not appropriate for this course) (2) 5 years or more experience in waste management (3) be a university graduate or equivalent

Contents		
【Preliminary Phase in the participant's home country】 (September 4 - October 3 (tentative)) Formulation of Inception Report 【Core Phase in Japan】 (October 4 - November 17 (tentative)) (1)Understanding Japanese policy, treatment system and recycling laws on waste management Presenting current situation and problems of each country, local area and workplace through Job report in order to share with participants and clarify each problem (2)Verifying 3R's methods, management system & technology for plastics, domestic appliances & automobile based on Japanese recycling laws (3)Understanding each role and duty for encouraging environmental awareness in local government, NPO, School, household, enterprises and community. Considering practical 3R's activities in small scale unit involving the local people for establishing a sound Material-Cycle Society (4)Deliberating and making framework of master-plan or action plan as a result of the course to solve their problems and presenting the plan 【Finalization Phase in the participant's home country】 (November 18 - February 17 (tentative)) (1) Implementation of the Action Plan (2) Submission of the Progress Report	Program Period	2012/10/ 4 ～ 2012/11/17
	Implementing Partner	International Center for Environmental Technology Transfer (ICETT)
	JICA Center	JICA Chubu
	Cooperation Period	2010～2012
	Remarks and Website	

Solid Waste Management with Community Participation
市民参加型廃棄物管理研修

Region-Focused Solution | 1284224 Continuing

10 participants

Target Countries : Asian countries

Sector : Environmental Management/Urban Solid Wastes

Sub-Sector :

Language : English

Appeal

The course intends to provide integrated skills for awareness raising in waste management through lectures and practices by experts and researchers. In addition, participants will have chance to learn waste treatment techniques applicable to developing countries, such as composting and sanitary landfill. The course will be highly effective, if collaborated with projects for waste management focusing on community participation.

Objective/Output	Target Organization / Group
[Objective] Participants will be able to formulate & propose action plans to enhance waste management through community participation, utilizing the program. [Outputs] (1)Being able to explain basic legal frameworks and systems in central / local governments. (2)Being able to explain environmental education and related activities with community participation (3)Being able to apply and carry out adequate final disposal method (4)Being able to perform composting of organic waste (5)Action plan is formulated, and its implementation is reported through final report.	[Target organization] This program is offered to governmental organizations which are engaged in solid waste management or environmental education for citizens. [Target Group] (1)Be government officers who are presently engaged in solid waste management or environmental education for citizens. (2)Have more than 3 years of occupational experience in the area

Contents		
Participants will learn followings contents through lectures, site visits, practices, discussions and presentations. (1)Overview of waste management and its legal frameworks in Japan, Trash separation, collection and treatment system in local governorates, Technologies in recycling solid waste and industrial waste, Technologies in treating medical waste and hazardous waste (2)Environmental education and enlightenment in local government, Environmental activities by related facilities and organizations, Discussion on environmental activities with citizens (3)Systems and rules in final disposal dump in Japan, Semi aerobic landfill, Landfill in developing countries (4)Theory of organic waste composting, Case study of organic waste composting, Basic procedure of organic waste composting (5)Formulation & presentation of action plan, preparation of final report	Program Period	2012 / 9 / 9 ～ 2012 / 11 / 3
	Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Sustainable Solid Waste Management in CARICOM Member States
カリコム諸国における持続可能な廃棄物管理

Region-Focused Solution | 1284305 Updated

6 participants

Target Countries : CARICOM Countries

Sector :Environmental Management/Urban Solid Wastes

Sub-Sector :

Language :English

Appeal

This course is designed for solving solid waste management issues which participating organizations are facing, and also enhancing regional cooperationship

Objective/Output	Target Organization / Group
【Objective】 Ability for solid waste management in participating organization is improved 【Objective for each unit】 (Before coming to Japan)Issues on solid waste management in respective countries are sorted out. Issues on sustainable solid waste management are sorted out again considering the situation of Okinawa and Japan. Issues on establishing participatory solid waste management are sorted out. Solution for the issues sorted out above is drawn up. (After leaving Japan)The action plan and what participants gained in Okinawa will be introduced to participating organizations.	Central/Local ministries or relevant organizations in charge of solid waste management. Companies belonging to the recycling/solid waste management companies association or companies planning to establish the association (In the case of planning, recommendation from the governmental bodies is necessary) Staff of such organizations with more than 3 years of experience in the field of solid waste management. University graduate or equivalent. Have a good command of English in speaking, listening and writing. Healthy in both physically and mentally (As this course includes field works, pregnancy is regarded as a disqualification). Not serving in military.

Contents

- Preparation of presentation materials and Formulation of Job Report
- Solid Waste Management Legislation in Japan
- Waste management in Japan and developing nations
- Current situation and issues of final disposal site
- Fukuoka Landfill Method and case study of improvement on landfills
- Role of municipality
- Necessity for citizens and companies to cooperate
- Collection of garbage by type through citizens and companies cooperation
- Recycling and tackle by private sector
- Environmental education
- Various style of recycling
- Composting ・Wasted tires ・Waste to energy
- Discussion on the plan which aim sustainable solid waste management
- Identify key problem of solid waste management in respective countries and organizations
- Discussion on the direction for solution creation
- Formulation and presentation of an action plan
- Share and discuss the action plan in respective organizations
- Modify the action plan
- Formulate and submit the progress report and completion report (6 months after returning to respective countries)

Program Period	2012 / 5/23 ～ 2012 / 7/21
Implementing Partner	NGO Okinawa Citizens' Recycling Movement
JICA Center	JICA Okinawa
Cooperation Period	2012～2014
Remarks and Website	

Promotion of Cleaner Production for Southeast European Countries
南東欧地域 クリーナープロダクション振興

Region-Focused Solution | 1284076 Continuing

10 participants

Target Countries : Southeast European Countries

Sector : Environmental Management/Cleaner Production

Sub-Sector : Private Sector Development/Industrial Technology

Language : English

Appeal

This program is designed to support participants introduce Cleaner Production(CP) and promote activities by learning both theoretical and practical aspects of CP such as concept, element technologies for reduction of environmental burden, energy saving, resource saving and recycling, and actual cases in Japan.

Objective/Output

<Course Objective>
CP promotion plan is formulated in participants' organization.

<Objective for each unit>
1. To understand definition and concept of CP and role of government and private sector in promoting CP, and to propose a solution for problems on productivity enhancement based on reduction of environmental contamination.
2. To be able to explain knowledge, techniques and actual cases of low environmental burden technology
3. To be able to explain knowledge, techniques and actual cases of energy saving and multiple usage of energy
4. To be able to explain knowledge, techniques and actual cases of resource saving and recycle
5. To be able to propose an action plan for promotion of CP
6. To report the progress of implementation of action plan after 6 months of core phase in Japan

Target Organization / Group

<Target Organization>
Governmental organization, university, research institution, company and NGO concerned with promotion of Cleaner Production (CP)

<Expected Job Title>
Governmental administrators concerned with CP, experts registered in CP center, technicians in companies actively involved in CP and NGO leaders

<Expected Job Experience>
Over 5 years experiences

<Other Qualifications>
Under 50 years old

Contents

1. To learn that CP is an effective measure for productivity enhancement and reduction of environmental contamination. (1) Definition and concept of CP (2) In-house activities supporting CP promotion (3) Quality improvement and productivity enhancement by introducing CP (4) Good practices of CP
2. To learn measures and efforts for reduction of environmental pollution and creation of sustainable society by introducing CP. (1) Cases of overcoming industrial pollution (2) Environmental administration in Japan (3) Measures against global warming (4) Site visits
3. To learn meaning, measures and current situation of energy conservation (1) Energy conservation measures in Japan (2) Promotion of Energy conservation and low carbon society (3) Energy conservation in SME (4) Renewable energy development
4. To learn creation of sustainable recycle-oriented society by waste administration, 3R and recycling techniques (1) Measures and techniques supporting recycle-oriented society (2) Necessity of 3R promotion and technology development (3) Actual cases of 3R techniques in companies
5. Presentation, discussion, tutorial, and self-study for preparing action plan
6. To consider action plan in participant's organization and to submit progress report.

Program Period	2012 / 9 / 17 ～ 2012 / 10 / 27
Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	The program is based on Energy Management for Central and Eastern European Countries which was conducted from 2004 to 2006. Low environment impact, Resource saving, Recycling and Practice at enterprises are added for the new contents.

Cleaner Production in Process Industries for Latin American Countries (for Managers and Engineers of Process Industries)
中南米地域プロセス工業におけるクリーナープロダクション

Region-Focused Solution | 1284155 Continuing

Target Countries : Latin American Countries

7 participants

Sector : Environmental Management/Cleaner Production

Sub-Sector : Private Sector Development/Industrial Technology

Language : Spanish

Appeal

This program aims to make and implement plans to solve the issues of participants by using the technologies and techniques related to cleaner production. These plans will include conserving raw materials, water and energy; eliminating toxic and dangerous raw materials; and reducing the quantity and toxicity of all emissions and wastes at source during the production process. They can increase productivity and bring financial benefits to the organizations.

Objective/Output	Target Organization / Group
<Objectives> To be able to set the plan and goal in order to utilize Cleaner Production method in the production process of industrial material in order to solve the environmental problem, caused by industrialization in developing countries <Outputs> (1)To be able to explain the concept and specific usage method of Cleaner Production techniques. (2)To be able to design or improve equipment to allow the reduction of environmentally-harmful waste products and keep resource and energy usage to a minimum. (3)To be able to keep the release of environmental pollutants and raw material and energy loss associated with equipment trouble to a minimum through improving reliability of equipment, and maintaining efficiency. (4)To be able to create an action plan for the introduction of Cleaner Production techniques.	<Target Organizations> Organizations belonging to the field of process industries such as chemical, petroleum refinery, iron and steel, food and ceramic plant <Target Group> Managers or engineers in the field of process industries

Contents		
<Preliminary Phase> Preparation of Reports on responsibilities and challenges of participating organization <Core Phase in Japan> (1)Recent situation of global environment, Cleaner Production, TPM, 5S, Kaizen Activity, New QC Seven Tools, PCM, Plant Visit (2)Selection of Equipment, Selection of Motors, Selection of Materials, Corrosion and Protection, Sequence Control, Process Control, Plant Visit (3)Maintenance Management, Maintenance in Actual Plant, Visual Maintenance Management, Diagnosis Technique, Plant Visit (4)Orientation of training course, instruction of making action plan, instruction of presentation, presentation of action plan (5)Report to JICA the progress of knowledge/skills sharing among the respective organization. <Finalization Phase> Review Action Plan(AP) and make a report on its progress.	Program Period	2012 / 8 / 19 ～ 2012 / 11 / 22
	Implementing Partner	KITA (Kitakyushu International Techno-Cooperative Association)
	JICA Center	JICA Kyushu
	Cooperation Period	2011～2013
	Remarks and Website	

Adaptation to Climate Change
気候変動への適応

Group 1280066
Solution Continuing

Target Countries : can nominate suitable participant for 3yrs continuously
15 participants

Sector :Environmental Management/Global Warming

Sub-Sector :

Language :English

Appeal

It focuses on policy making such as international framework and Japan's policy on Adaptation to Climate Change in 1st year, while it focuses on sectoral Adaptation approaches such as forecast of Climate Change, Impact Assessment on Climate Change, Sectoral vulnerability assessment (ex. agriculture, disaster prevention) in 2nd-3rd years.

Objective/Output	Target Organization / Group
<Objective> The system to formulate or revise measures and policies about Adaptation to Climate Change will be strengthened in participant's organization. <Outputs> (1)To understand the international framework and trends on adaptation to Climate Change. (2)To understand impact assessment, vulnerability assessment and forecast on Climate Change (3)To understand Japan's policy, Japanese measures, technology and cases on adaptation to Climate Change. (4)To formulate an Action Plan for solving the problems on Adaptation to Climate Change in participant's respective organizations. (5)To share and review the Action Plan(draft of measures and policies about Adaptation to CC) across the participant's respective organization.	<Target Organization> a national governmental office which is in charge of policy making of adaptation to Climate Change <Target Group> 1st year: a national governmental officer of policy planning of adaptation to Climate Change, preferably from Focal Point of UNFCCC. 2nd and 3rd year: a national governmental officer of implementation of adaptation to Climate Change and who has been cooperating with 1st year's participant organization. Experience in the relevant field: have more than 3 years' experience.

Contents

【Preliminary Phase】
・To make Inception Report
【Core Phase in Japan】
・Presentation and discussion on Inception Report
(1)～(3) Lectures, discussion, practical exercises and site visits
・Overview of UNFCCC and place of adaptation, International framework of adaptation to Climate Change, Trend of international discussion on adaptation to Climate Change
・Process of formulation and implementation of measures on adaptation, Observation and forecast of Climate Change, Impact Assessment on Climate Change,Sectoral vulnerability assessment (ex. agriculture, disaster prevention), Japan's policy on Adaptation to Climate Change
・JICA's cooperation towards developing countries on Adaptation to Climate Change, Japanese measures, technology and cases on Adaptation to Climate Change, Good practices of developing countries on Adaptation to Climate Change, PCM (Project Cycle Management) workshop
(4)Making Action Plan to solve the problems on Adaptation to Climate Change in respective countries
【Finalization Phase】
(5)To make and submit Final Report(within 6 months since returning home country) and discuss draft of measures and policies about Adaptation to Climate Change in related organization

Program Period	2012 / 9 / 30 ～ 2012 / 10 / 27
Implementing Partner	Infrastructure Department Institute
JICA Center	JICA Tsukuba (Training&Partnership)
Cooperation Period	2011～2013
Remarks and Website	

Development of Strategies on Climate Change
地球温暖化対策コース

Group 1280572
Solution Continuing
15 participants

Target Countries :

Sector :Environmental Management/Global Warming

Sub-Sector :

Language :English

Appeal

This program is designed for governmental officers in charge of climate change issues or national focal point of UNFCCC to propose and make policies (draft) on Climate Change adaptation and GHG emissions.

Objective/Output	Target Organization / Group
【Objective】 To make draft plans for greenhouse gas emissions reduction and/or adaptation to Climate Change in participants' respective organizations. 【Outputs】 (1)To understand the concept of integration and mainstreaming of Climate Change concerns into sustainable development policies (2)To understand how national communications are prepared as articulated in the UNFCCC Art.12 and other decisions (3)To understand methodologies to prepare a GHG inventory (4)To understand mitigation (including through market mechanisms) and adaptation of Climate Change (5)To share the Action Plan(draft policies on Climate Change Adaptation and GHG emissions), which is drafted in Japan, in the participants' respective organizations.	【Target Organization】 A national (or local) governmental office which is involved in Climate Change issues and/or focal point of UNFCCC 【Target Group】 Current Duties：officer of national (or local) governmental office Experience in the relevant field: belong to her/his current department for more than 1 year

Contents		
【Preliminary Phase】 ・To make an Inception Report 【Core Phase in Japan】 ・To acquire the necessary skills and techniques on Climate Change issues through l Lectures, discussions, practical exercises, site visits, etc. ・Relevance between Climate Change and development activities, policy tools to adopt integrated approach, co-benefits approach which achieve GHG emission reductions as well as environmental improvement, the Climate Change regime(including the UNFCCC and the Kyoto Protocol) and guidelines for national communications, and development of GHG inventory including the use of a computer software. ・To make and present an Action Plan 【Finalization Phase】 ・To share and discuss the Action Plan(draft) in the participant's organization, and to propose and make policies (draft) on Climate Change Adaptation and GHG emissions. ・To make and submit Final Report (within 6 months since returning home country)	Program Period	2013 / 1/ 6 ～ 2013 / 3 / 2
	Implementing Partner	Overseas Environmental Cooperation Center (OECC)
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2010～2012
	Remarks and Website	

Ozone Layer Protection and the Global Warming Countermeasures～ Measures to Reduce the Controlled Substances of the Montreal Protocol and the Kyoto Protocol～
オゾン層保護と地球温暖化対策～モントリオール議定書と京都議定書規制対象物質の削減対策～

Group 1280937
Solution Continuing
6 participants

Target Countries :

Sector :Environmental Management/Global Warming

Sub-Sector :

Language :English

Appeal

Learn how to convert high global warming gases to lower gases effectively through introduction of Japan's advanced experiences and technologies in order to complete the accelerated HCFC (hydrochlorofluorocarbon) phase-out scheduled under the Montreal Protocol as well as the Kyoto Protocol .

Objective/Output	Target Organization / Group
【Objective】 To understand Japan's environmentally friendly technologies in areas such as air conditioning,refrigeration,foam, solvent, recovery and destruction. To seek potential matching to phase out HCFCs under the Montreal Protocol in respective countries. 【Expected Results】Participants will be able to: (1)Examine the recent activities, issues on ozone layer protection and high-GWP gases such as HCFC in respective countries, and make an inception report and present it. (2)To understand applications of Japan's alternative technologies in the air conditioning and the refrigeration sectors and to consider adaptability of those technologies. (3)To understand applications of Japan's alternative technologies in the foam sector and to consider adaptability of those technologies. (4)To understand applications of Japan's alternative technologies in recovery and destruction, a cold chain sectors and consider adaptability of those technologies based on priorities in own countries. (5)To make a presentation for potential selection, introduction and application of Japanese technologies to carry out the HCFC phase-out plan.	【Target Organizations】 Governmental organizations or related public organizations that are in charge of ozone layer protection and high-GWP gases reduction. Representatives from related private sectors. 【Target Group】 -Administrative officers who are in charge of ozone layer protection, high-GWP gases reduction, collection and destruction of fluorocarbons and management of the project on multilateral fund of the Montreal Protocol and representative from private sectors -Individuals with sufficient command of spoken and written English in the aforementioned field.

Contents		
・Presentation on a current situation on high-GWP gases, recent approach and issues against global warming, introduction of on-going and up-coming projects. ・Recent trends in discussions at COP (Conference of Parties). ・Recent Japan's activities, methods, alternative technologies to convert HCFC. ・Introduction of collection and destruction of fluorocarbons in commercial refrigerators and air conditioners. ・Introduction of the social and economic system in which each stakeholder can fulfill responsibilities. ・Formulation of a draft project plan related to alternative technologies to convert HCFC or collection and destruction of fluorocarbons based on the knowledge and experiences gained through the training course. ・Report of activities after returning to home country to monitor how participants would apply the knowledge obtained through the training course to domestic policies.	Program Period	2013 / 2 ～ 2013 / 3
	Implementing Partner	Ministry of Economy, Trade and Industry, Ministry of Environement
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2010～2012
	Remarks and Website	Training period is subject to change

Mitigation of Climate Change in the Southeast Asia and Oceania Region
東南アジア･大洋州地域 地球温暖化緩和対策

Region-Focused Solution | 1284088 Continuing

13 participants

Target Countries : Southeast Asia and Oceania Region

Sector :Environmental Management/Global Warming

Sub-Sector :

Language :English

Appeal

To strengthen capacity of participant's organization to develop,implement and evaluate domestic mitigation to address Climate Change in a measureable, reportable, and verifiable (MRV) manner under Nationally Appropriate Mitigation Actions (NAMAs) for a national (or local) governmental office which is involved in Climate Change mitigation, preferably Focal Point of UNFCCC

Objective/Output	Target Organization / Group
【Objective】 To strengthen capacity of participant's organization to develop, implement and evaluate domestic mitigation to address Climate Change in a measureable, reportable, and verifiable (MRV) manner under Nationally Appropriate Mitigation Actions (NAMAs). 【Outputs】 (1)To identity policy and technical challenges for domestic mitigation actions (2)To understand the framework of NAMAs for mitigation actions in a measurable, reportable, and verifiable (MRV) manner, such as in the UNFCCC. (3)To make draft plan on NAMAs. (4)To make an Action Plan(draft of NAMAs in an MRV manner) for tackling mitigation of Climate Change through elaborating strategies to mobilize and introduce mitigation technologies, which are suitable in local conditions.	【Target Organization】 A national (or local) governmental office which is involved in Climate Change mitigation, such as Focal Point of UNFCCC etc. 【Target Group】 Current Duties: officer in charge of Climate Change mitigation (Preferably an officer especially in charge of GHG inventories) Experience in the relevant field: have more than 3 years

Contents		
【Preliminary Phase】 ・To make Inception Report 【Core Phase in Japan】 ・To make a presentation of Inception Report and discussion ・Lectures and practical exercises -Administrative frameworks and policy tools for mitigation measures -International framework after Bali Action Plan of COP13, and its implication on domestic mitigation actions. -Collective and individual guidance given for developing Climate Change draft action plans, which may include NAMAs. -Quantitative evaluation methodologies for Climate Change action plan (eg. GHG reduction), Role of GHG inventory ・To make and present an Action Plan 【Finalization Phase】 ・To share and discuss the Action Plan(draft of NAMAs in an MRV manner) in the participant's organization ・To make and submit Final Report (within 6 months since returning home country)	Program Period	2012 / 8 / 12 ～ 2012 / 9 / 15
	Implementing Partner	Overseas Environmental Cooperation Center (OECC)
	JICA Center	JICA Tsukuba (Training&Partnership)
	Cooperation Period	2010～2012
	Remarks and Website	

Capacity Development for NAMA/MRV
NAMA/MRV能力強化

Region-Focused Trainers | 1284349 New

10 participants

Target Countries : Asia and Africa

Sector : Environmental Management/Global Warming

Sub-Sector :

Language : English

Appeal

In the national negotiation on climate change, it is agreed to encourage developing countries to develop Nationally Appropriate Mitigation Actions (NAMA) in order to enhance their voluntary actions for tackling with the climate change in a measurable, reportable and verifiable (MRV) manner.
This training program aims to improve integrated planning capacity of NAMA in participating countries through understanding international trend for the reduction of greenhouse gases, practical policies and measures at national and local levels, and the measurement methods of the effects achieved thereby. Through this training, it is expected that national and sub-national governments identify applicable policies and priority areas, reflect that in national policies and city plans, and start implementing actual projects.

Objective/Output	Target Organization / Group
【Program Objective】 The ability of governmental officers in charge of mitigation actions for climate change will be improved for planning Nationally Appropriate Mitigation Actions through acquiring knowledge and technologies about the field as well as sharing examples of neighboring countries that have the same problems. 【Expected Module Output】 <Preliminary Phase> 1. Country Report is prepared <Core Phase in Japan> Participants will be able to; 2. to explain about international trend in climate change. 3. to explain about NAMA and MRV 4. to explain about REDD and REDD+ 5. to explain mitigation policies by the Government of Japan 6. to explain about mitigation actions in the local government in Japan. 7. to explain about mitigation actions in corporations in Japan 8. to formulate a basic action plan. <Finalization Phase> 9. Participants will share and improve Action Plan in the participants' organizations.	Organization: Departments in charge of mitigation actions for climate change or city planning in national and sub-national governments Current Duties: Officers in charge of development of climate mitigation plans or city plans, or supervisors of them Experience: More than 3-year experience in above-mentioned works Others: - be under 50 years old - be fluent in English

Contents		
1. Preparation of a Country Report on overview and challenges on applying NAMA/MRV. 2. Framework Convention on Climate Change, Kyoto Protocol, Cancun Agreements and its background, Outputs of COP17 3. Overview of NAMA/MRV, Current situation and challenges in mitigation actions in the target region, Strategies on low-carbon development, CDM in the target region, Bilateral Offset Credit Mechanism proposed by Japan 4. Definition, background, history, international and national activities, way forward on REDD and REDD+ 5. Law concerning the promotion of the measures to Cope with global warming, Law regarding the rationalization of energy use, domestic carbon credit system, Low carbon city development guideline 6. Mitigation actions in the local government (promotion of renewable energy and energy saving, traffic management, management of solid waste and wastewater, green belt management), International cooperation activities by local governments on MRV development 7. Mitigation actions in the Japanese corporations (promotion of renewable energy and energy saving) 8. Action plan formulation and discussions 9. To share, improve, implement Action Plan in the participants' organizations, to make and submit Final Report to report the present progress of Action Plan to the respective country's JICA office.	Program Period	under planning
	Implementing Partner	Under Planning
	JICA Center	JICA Kansai (II) /JICA Kyushu
	Cooperation Period	2012～2014
	Remarks and Website	The first implementation: Asian countries The second implementation: African countries

Environmental City Planning through Community Participation
住民協働による環境都市づくり

Group 1280007
Solution Continuing
7 participants

Target Countries :

Sector :Environmental Management/Environmental Administration

Sub-Sector :

Language :English

Appeal

This course intends to provide know-hows of Minamata City on pollution control, waste management, and environmental education to formulate environmental city planning through community participation. It will be highly effective, if a country aims to develop waste management or promote environmental protection within a community.

Objective/Output	Target Organization / Group
[Objective] Participants will be able to formulate and propose action plans to improve environment through community participation. [Output] (1)Being able to explain how serious, how difficult to overcome, and how important to prevent pollution damages through learning experiences of Minamata City and Japan. (2)Being able to explain approaches towards sustainable society through collaboration with residents, enterprises, and governments, following Minamata City as a model. (3)Being able to explain how local governments promote environmental mind, and how they collaborate with community to conduct environmental education. (4)Being able to explain environmental policies in corresponding governorates. (5)Action plan is formulated, and its implementation is reported through final report.	Government officers directly engaged in environmental policy making at local or central government, or NGO staffs working on environmental management, who are strongly interested in environmental administration based on community participation

Contents		
Participants will learn followings through lectures, site visits, and practices: (1)Overview of Minamata City as Eco Model City (2)Lessons from pollution (3)The municipal waste administration (Promotion of 3R etc.) (4)Preservation and treatment of natural resources (5)Coexistence of environment and economy (6)Environmentally-friendly lives and activities (7)Practices in environmental education and activities (8)Enlightment of environment to communities (9)National/prefectural policies (10)Local governmental policies (11)Formulation and presentation of action plan (12)Formulation of final report	Program Period	2012 / 9 / 23 ～ 2012 / 10 / 27
	Implementing Partner	Minamata City Government
	JICA Center	JICA Kyushu
	Cooperation Period	2010～2012
	Remarks and Website	

Chemical Management Policy - Reflecting International Discussion -
国際的な化学物質管理に対する国内制度の対応

Group 1280026
Solution Continuing
10 participants

Target Countries :

Sector :Environmental Management/Environmental Administration

Sub-Sector :

Language :English

Appeal

1. Understanding demands in the international community and learning major countries' responses
【Key words: the WSSD target, POPs, PIC, the Chemical Substances Control Law】

2. Learning chemical management method in private sector and government's promotions in Japan
【Key words: responsible-care, supply-chain, article management promotion】

3. Formulating an action plan to be reflected on a national policy and its evaluation.

Objective/Output	Target Organization / Group
<Course Objective> To understand the latest movement of an international chemical regulatory/management system and to formulate an Action Plan with an aim to reflect required knowledge on domestic management system that should consequently be taken into an organizational consideration. <Objective for each unit> 【1】 (Prior activities) Analyzing and presenting current situation of chemical management policy. 【2】 Learning basic idea and identifying problems of chemical management and being able to make comparison between own country and the world. 【3】 Learning international movements and actions, and identifying actions expected to be taken in own country. 【4】 Identifying required actions for industry sectors in each country in a globalized environment. Being able to explain expected actions based on the knowledge obtained from lectures as well as site visits. 【5】 Identifying issues and problems in domestic chemical management system and forging solution plans. 【6】 (Follow-up activities) Reviewing the proposed solutions in each country.	<Target Organization> Authorities which are responsible for planning national chemical management policy in the central government. <Expected Job Title> Administrative officials who are in charge of planning and executing chemical management system in the central government. <Expected Job Experience> Officials who have experiences in chemical management for five years or longer. <Other Qualifications> Possess enough English language skill in the specialized field.

Contents		
−Classifying chemical management policy and extracting problems in each country, raising awareness towards issues and making a presentation. −Outline of chemical management system −Chemical management system in Japan (focusing on the 2009 amendment of the Chemical Substances Control Law) −Chemical management systems in major countries (US and EU) −International discussion/actions on chemical management e.g.: Stockholm Convention on Persistent Organic Pollutants, Rotterdam Convention on the Prior Informed Consent, Globally Harmonized System of Classification and Labeling of Chemicals (GHS) −Responsible-care activities in industry sectors in Japan −Article management promotion by circulating chemical components information through supply-chain −Site visits −Formulation, presentation and evaluation of an action plan −Examining the proposed action plan within organization	Program Period	2012 / 11 ～ 2012 / 11
	Implementing Partner	Chemical management policy division, METI
	JICA Center	JICA Tokyo(Industrial Dev.&Finance)
	Cooperation Period	2011～2013
	Remarks and Website	

Workshop on Administration of Environmental and Social Consideration Process for Implementation of a Japanese ODA Loan Project
円借款事業における環境社会配慮実務

Group Leaders 1280106 Continuing

20 participants

Target Countries : countries requested and preparing for Japan's ODA Loan project

Sector :Environmental Management/Environmental Administration

Sub-Sector :

Language :English

Appeal

2 weeks' intensive course with lectures, exercises and site visits for the officers in charge of Environmental and Social Consideration (ESC) in Japan's ODA loan projects. JICA experts and officers of JICA Headquarters will be directly involved in making curriculum and provide lectures. The importance of this training becomes higher along with the enforcement of JICA Guidelines for Environmental and Social Considerations on April 2010.

Objective/Output	Target Organization / Group
【Objective】 This course aims at enhancing the capability of the officers in charge of Environmental and Social Considerations (ESC;e.g. preparation of EIA, SEA, and/or RAP, implementation of environmental and social mitigation measures, and monitoring activity) to implement appropriate ESC and helping them to acquire the requirements for implementation of a Japan's ODA Loan project 【Expected Result】 (1) To be able to explain the necessity of adequate ESC referring to lessons from experience of ODA projects (2) To be able to explain outline of guidelines of ESC required for a Japan's ODA loan project (3) To understand the fundamental ideas of ESC and to be able to explain their proper procedure of environmental and social consideration and technical points for their implementation (4) To identify and raise the issues and measures to promote proper ESC in their countries	【Target Organizations】 (1) Implementing body of a Japan's ODA Loan Project (or a proposed project), which requires ESC (2) the implementation body of the EIA 【Target group】 <Title> Director, assistant director or equivalent <Experience> More than five years' experience in the EIA field such as in the divisions in charge of ESC or EIA <Other> Countries which has requested and is preparing for Japan's ODA Loan Project

Contents		
[Preliminary Phase] Formulation of Inception Report [Core Phase] (1) Experience of environmental and social consideration for ODA projects and its lessons, large scale development project in Japan, Cost-benefit analysis in conducting ESC (2) Outlines of JICA Guidelines for Environmental and Social Considerations, Case study on Japanese ODA projects (3) Overviews of ESC, EIA Process exercise (Screening, Scooping, Mitigation, Public Hearing & Transparency /Accountability, Monitoring & Follow-up) (4) Country Report Presentation, Case Study, Environmental Assessment law in Japan,	Program Period	2012 / 6 / 17 ～ 2012 / 6 / 30
	Implementing Partner	Overseas Environmental Cooperation Center etc.
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2011～2013
	Remarks and Website	

Environmental Education
環境教育

Group 1280258
Trainers New
15 participants

Target Countries :

Sector :Environmental Management/Environmental Administration

Sub-Sector :

Language :English

Appeal

This training program intends to transfer methodologies, systems and roles of the government and other stakeholders in environmental education for 3R promotion. City of Kitakyushu, one of main implementing partners, owns rich experience both domestically and internationally, so participants will be able to enhance practical knowledge and technique in the field.

Objective/Output	Target Organization / Group
[Objective] Being able to formulate and propose action plan for improvement of environmental awareness, utilizing contents of the training program. [Objective for Each Unit] (1)Be able to explain about overview of national/local policies on environmental education. (2)Be able to explain about strategies and contents of environmental education, according to development stages. (3)Be able to explain about environmental education through local resources. (4)Be able to explain about environmental conservation activities by private enterprises. (5)Be able to formulate an action plan for environmental awareness raising.	[Target Organization] Governmental (central or local) organizations in charge of environmental education [Target Group] (1)Be staffs in charge of environmental pollution control (2)Occupational experience of more than 3 years in the area (3)Be under 50 years old

Contents

[Preliminary Phase]
Preparation of a report on overview and challenges on environmental education

[Core Phase in Japan (lecture, practice and/or field study)]
(1)Pollution control and environmental education in Japan, Policies and activities of environmental education in Kitakyushu City, Economical development and conservation of natural resources
(2)Strategies and facilities for environmental education, Development of curriculum and contents
(3)Activities of community centers, women's associations, and volunteers, Projects and events for environmental education
(4)Environmental education for staffs, CSR and environmental conservation, Development of environmental facilities
(5)Action plan formulation and discussions

[Finalization Phase]
Formulation and submission of reports to present progress of action plans

Program Period	2012/10/28 ～ 2012/12/1
Implementing Partner	Under Planning
JICA Center	JICA Kyushu
Cooperation Period	2012～2014
Remarks and Website	

Conservation and Management of Water Environment in Island Countries
島嶼水環境の保全と管理

Group Leaders 1280267 New

10 participants

Target Countries : Island countries or Countries have island area

Sector : Environmental Management/Environmental Administration

Sub-Sector : Nature Conservation/Sustainable Use of Natural Resources

Language : English

Appeal

This course is for central/local government or NGO officers to gain necessary knowledge and skills on conservation and management of water environment, that is the basis of nature, culture and industries etc. through the case studies in typical 7 islands in Okinawa.
Concretely, this course will provide how to cope with the management of land areas, as an axis to water environment management

Objective/Output	Target Organization / Group
【Objective】 Participants acquires knowledge and techniques for the conservation and management of water environment. 【Objective for each unit】 Current situation and the issues on the water environment reservation is sorted out. Participants become able to plan measures and programs for water environment conservation in their countries or regions Practicable action plan for the issues is drawn up (In participants' home countries) Knowledge, techniques and action plan developed in Japan are shared in their organizations	[Target Organization] Working in central/local government or public organizations in charge of water environment conservation, or NGOs tackling with water environment conservation in cooperation with governmental/public organizations and communities. [Target Group] (1) More than 3 years of experience in present post or relevant job. (2) University graduate or equivalent. (3) Have a good command of English in speaking, listening and writing. (4) Healthy in both physically and mentally (As this course includes field works, pregnancy is regarded as a disqualification). (5) Not be served in military.

Contents		
<Activity in Preliminary Phase in home country> Collecting relevant information, preparing country report <Program in Japan> (Discussion) Country Report presentation (Lectures) Ecosystems and nature conservation in island countries, Outline and management of water resources, conservation of coral reefs and mangroves etc. (Practice)Field survey in mangroves, seashores etc. (Lecture)Legal system for water environment, Measures to conserve water quality, Regulations for preventing red-clay erosion, Solid Waste Management, Environmental assessment, Environmental education and public awareness, Rolls of the stakeholders, Human resources development etc. (Practice) Various research method, Environmental workshop etc. (Practice) PCM method, Case study on typical islands in Okinawa (Discussion) Action Plan presentation <Post program activities in home country> Presentation of the fruits gained in Japan, Efforts for action plan to be authorized	Program Period	2013 / 1/ 9 ～ 2013 / 3/9
	Implementing Partner	Under Planning
	JICA Center	JICA Okinawa
	Cooperation Period	2012～2014
	Remarks and Website	

Environmental Impact Assessment in ODA Projects (EIA as a Tool for Sustainable Development)
ODAにおける環境影響評価(持続可能な開発のための環境アセスメント研修)

Group 1280936
Trainers Continuing
18 participants

Target Countries : ODA target countries

Sector :Environmental Management/Environmental Administration

Sub-Sector :

Language :English

Appeal

Conduct training course dealing with the system and the case examples of Environmental Impact Assessment (EIA) in Japan and environmental considerations required in ODA project.

Objective/Output	Target Organization / Group
[Objective] This program is designed for examining authorities of Environment Impact Assessment (EIA) and implementing bodies of large-scale development projects which require EIA in National / Local Government or other relevant organizations. [Expected Result] (1) To be able to explain the basic concepts of EIA, necessary procedures and the difference in the EIA systems between Japan and their own country and to be able to understand the efforts of international aid agencies for environmental considerations and to explain the requirements expected in the development projects (2) To be able to explain necessary points of the EIA examination and necessary technical methods to conduct EIA (3) To be able to explain a process to conduct EIA smoothly and communication methods with residents etc.	<Target Organization> Examining authorities of EIA and implementing bodies of large-scale development projects which require EIA in National / Local Government or other relevant organizations <Nominee Qualification> 1) technical administrative officers in charge of EIA and/or planning and implementation of large-scale development projects and ODA projects. 2) have basic knowledge and more than three years of working experience in EIA. 3) under 45 years of age. Be university graduate, or have equivalent background in the field.

Contents		
[Preliminary Phase] Submission of Inception Report and Questionnaire [Core Phase] -Purpose and concept of EIA and the EIA system in Japan. -The outline of ODA and the safeguard policy of the international donors including JICA. -The policy of the baseline survey, prediction, and assessment for EIA. -The methodology of survey, prediction, evaluation and the mitigation measures in examples of Japan's EIA. -Examination system of EIA in Japan, key points of examination (how to check EIA report), case studies. -Process and communication methods required for EIA etc. [Finalization Phase] Development of a plan to conduct EIA based on specific development projects (exercise), Discussion on the improvements of the above plan and points of the examination, Discussions on the improvement of the EIA system in their own countries	Program Period	2012 / 9 / 2 ～ 2012 / 9 / 29
	Implementing Partner	VSOC
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2010～2012
	Remarks and Website	

Mega-City Environmental Policy and Environmental Management System
大都市地域環境政策･環境マネージメントシステム

Group 1280992
Solution Continuing
10 participants

Target Countries : With the mega-cities with more than 1 million people

Sector :Environmental Management/Environmental Administration

Sub-Sector :

Language :English

Appeal

This training program is designed so that the participants understand the importance of environmental problems in mega-cities and improve their capacity for formulating environmental policies/plans for solving the problems.

Objective/Output	Target Organization / Group
Program objective: Ability of participants will be improved for development and implementation of environmental management plans taking into account specific local pollution problems and global environmental problems. Expected Module Output: (Preliminary Phase)0.Country Reports are prepared in participants' home countries. (Core Phase) 1.Environmental problems are shared among participants by the presentation of Country Reports./ 2.Priority issues of participating organization will be identified through lectures about history and case study of environmental problems in Japan/Osaka and also through discussion among participants./ 3.Participants will learn the methodologies for development of environmental management plans at the both levels of specific pollution control measures and cross cutting environmental issues./ 4.Participants will understand Environmental Management System./ 5.Action Plans will be prepared. (Finalization phase) 6. Action Plans will be shared and examined in participating organization.	- Technical, planning and management officers in the relevant field such as environmental management and urban living for a specific mega-city, who are working at central and local governments or public institutions. -Two persons per year, totally six persons for this three year training program from each participating country. (Example: One city government official working on waste management and another working on air pollution control in the same city) - at least 5 years' experience of environmental management, 25-45 of age

Contents		
-Preparation and presentation of Country Report -History and Experience for Pollution in Osaka City and Japan (Air Pollution from stationary source, Automobile pollution, Water Environment, and Solid Waste): History of Environmental Administration of Japan, Experience of Osaka City in Urban Environmental Management, Environmental Issues and Socio-Economic System in Developing Countries -Institutional Frameworks, Environmental Education, etc. : Biodiesel Fuel System by Local Government, Japanese Eco-town policy and visit to Osaka Eco-town site, Nature Conservation Area -Planning for environmental management plan (specific pollution control measures and cross cutting environmental issues): Environmental management plan of Osaka City (Environment Law and Ordinances), Countermeasures for Environmental Pollution in Mid and Small-Sized enterprise, Motor Vehicle Pollution Control in Osaka City -Environmental Management System in Japanese Enterprises: EMS (ISO14001) in Japanese Enterprises -Action Plan preparation, presentation, discussion, sharing and improvement of Action Plan in the participating organization, submission of Follow-up Report describing progress of Action Plan	Program Period	2012 / 5/21 ～ 2012 / 7/13
	Implementing Partner	Global Environment Centre Foundation
	JICA Center	JICA Kansai (Ⅱ)
	Cooperation Period	2010～2012
	Remarks and Website	Global Environment Centre Foundation Website: http://gec.jp/

Industrial Pollution Control Management
産業環境対策

Region-Focused Solution | 1284021 Continuing

Target Countries : Asia, Latin America and Europe

10 participants

Sector : Environmental Management/Environmental Administration

Sub-Sector :

Language : English

Appeal

The participants can learn about environmental technologies and measures through pollution controls, and the roles of the government, research organs and firms through abundant cases.

Objective/Output

<Course Objective>
Government departments in charge of industrial environmental management will draw up improvement measures for the environmental problems which each country faces.

<Objective for each unit>
1. To master air pollution control administration and pollution control technique, and propose a solution for the issue.
2. To master water pollution control administration and pollution control technique, and propose a solution for the issue.
3. To master waste disposal administration and recycling technique, and propose a solution for the issue
4. To master environment improvement technique, and propose a practical action plan for the department to which participants belong

Target Organization / Group

<Target Organization>Departments of the government / municipal offices in charge of industrial environmental management

<Expected Job Title>administrative officers in charge of industrial environmental management in the government / municipal offices

<Expected Job Experience>more than 5 years of occupational experience in the field of environmental management

<Other Qualifications>be a university graduate, majoring in engineering, or the equivalent

Contents

<Preliminary Phase>
Preparation of Reports on responsibilities and challenges of participating organization

<Core Phase in Japan>
This phase consists of the following components.
1. Air pollution Control: Administration, Dust collection, Exhaust gas treatment, Environmental measures of city gas industry, Environmental pollution control measures of chemical industry etc.
2. Water pollution Control: Administration, Sewage treatment plant, Environmental facility engineering, Water quality monitoring, Treatment technology of industrial wastewater and sewage, Construction, operation and maintenance of Johkaso system for treatment of domestic waste water etc.
3. Solid Waste Disposal: Incineration of municipal solid waste, Industrial waste administration, Waste recycling business (Eco-town), Inland reclamation disposal, Compost etc.
4. Environment Improve Technique: EIA, Environmental education, Role for governments, Environmental regulation in Japan, Cleaner Production, Formulation & Presentation of Job Report & Action Plan etc.

<Finalization Phase> Review Action Plan(AP) and make a report on its progress.

Program Period	2013 / 1/16 ～ 2013 / 4/27
Implementing Partner	Kitakyushu International Techno-cooperative Association (KITA)
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	

Environmental Technology for Low-Carbon Society
低炭素化のための環境技術

Region-Focused Solution | 1284316 | Continuing

Target Countries : Asian Countries

13 participants

Sector : Environmental Management/Environmental Administration

Sub-Sector : Urban/Regional Development/Other Urban and Regional Development Issues

Language : English

Appeal

This program intends to promote transfer of environmental technologies, such as energy conservation, resource saving, and cleaner production, in addition to social technologies like 3R promotion and environmental education. Participants will have wide opportunities to observe related activities and technologies through observations & events held during the training period.

Objective/Output

[Objective]
Participants will be able to formulate & propose action plans to introduce Low-carbonization systems & techniques, utilizing the program.

[Objective for Each Unit]
(1)Being able to explain about global environmental issues and challenges towards low-carbonization.
(2)Being able to explain about overview of national/local environmental policies in Japan.
(3)Being able to explain environmental/social technologies applicable in each country.
(4)Being able to formulate & propose Action Plan to introduce environmental/social technologies to each country.

Target Organization / Group

[Target Group]
(1)Staffs of department of city planning or industries in the local government, which are in charge of promotion of environmental technologies.

(2)Occupational experience of more than 5 years in the area

(3)Be under 50 years of age

Contents

Participants will learn following contents through lectures, site visits, discussions and presentations.

(1)Global environmental systems and international framework, Developing countries and challenges for global worming
(2)Pollution control in Japan, Environmental administration in Kitakyushu City
(3)Kitakyushu Asian Center for Low Carbon Society project, Energy / resource saving technologies, Cleaner production, City planning, Awareness raising
(4)Action Plan formulation & presentation, submitting progress report

Program Period	2012 / 9 / 23 ～ 2012 / 10 / 25
Implementing Partner	Kitakyushu International Techno-cooperative Association
JICA Center	JICA Kyushu
Cooperation Period	2011～2013
Remarks and Website	

Effluent Pollution Control Caused by Mining and Manufacturing Industries for Central and South America
中南米地域鉱･工業による廃水汚染対策

Region-Focused Solution | 1284246 | Continuing

Target Countries : Central and South America

20 participants

Sector : Environmental Management/Mine Pollution

Sub-Sector :

Language : Spanish

Appeal

Participating countries will consider effective measures to reduce or prevent environmental destruction by effluent from mining and manufacturing.

Objective/Output	Target Organization / Group
[Program Objective]Effective and tangible action plan to prevent environmental destruction by hazardous substances included in effluent from mining and manufacturing industries will be formulated with close coordination among the related organizations that take charge of the control of the effluent regulation. [Expected Module Output] 〈Preparatory Phase〉 1) Problems and issues of effluents from mining and manufacturing industries are clarified. (Phase in Japan) 2) Problems and issues in participating countries will be sorted out. 3) Problems and issues of wastewater pollution countermeasures will be identified thorough the case studies of mining pollution and comparison of the regulations/ policies of Japan and participating countries. 4) Draft action plan as a team will be prepared. 5) International common perception of the problem of waste effluent pollution will be developed. (Finalization Phase) 6) The action plan as organizations will be considered.	- Central government ministries and local government offices responsible for monitoring the wastewater discharge through mining and industrial activities. -A team must consist of three persons belonging to different ministries and/or municipalities -Each team must include at least one official administrator and/or an engineer. -If a team consists of fewer than three persons and/or people of these same organizations, that team will be disqualified from selection. - Experience: 5 years, Age: under 50

Contents		
- Preparation of country reports. - Institution and policy: environmental administration in Japan (central and local government), mining and mine pollution in Japan, Mine Safety Act, Measures for hazardous metal, countermeasures and compensation issue of pollution-related diseases. - Case study: Prevention of heath damage by factory effluent (Minamata disease), inorganic and organic wastewater treatment. - Action Plan preparation, presentation, discussion, sharing and improvement of Action Plan in the participating organization, submission of Follow-up Report describing progress of Action Plan.	Program Period	2012/11/12 ～ 2012/12/15
	Implementing Partner	Global Environment Centre Foundation
	JICA Center	JICA Kansai (II)
	Cooperation Period	2010～2012
	Remarks and Website	Global Environment Centre Foundation Website: http://gec.jp/

18.Aid Approach

Management of Human Capacity Development
現場における能力開発の仕組み～「職務教育」から、日本企業の強みである「総合的な能力開発」へ～

Group Leaders | 1280027 Continuing | 12 participants

Target Countries :

Sector :Aid Approach/Capacity Development

Sub-Sector :

Language :English

Appeal

This program is designed for the managerial person of the organization to understand the good example of Human Capacity Development Strategy and Plan, and of Human Resource Development.

Objective/Output

The participants will understand mechanism of Human Capacity Development in Japanese industries which was one of the major factors of Japanese high economic growth. They will learn that Human Capacity Development is total system including daily job, and is beyond "vocational training" or "vocational education" only for technical knowledge and skills. Through this course, they will think how to establish or improve mechanism of Human Capacity Development in order to enhance industrial development in their countries.

1. To understand concept and reality of Human Capacity Development in Japanese industrial organizations
2. To make an action plan how to apply the Japanese mechanism to industry of the participants' country

Target Organization / Group

This program is offered to the persons who are responsible for Industrial Education or Human Resources Development (HRD) for industry, with the position of managers or senior personnel of ministry of industry, the chambers of commerce and industry, nonprofits, and so on.

Required working experience is 5 years or more in the field of industrial education or HRD for industry.

Be proficient and practical in spoken and written English, and have experience of making reports, presentations and discussions in English.

Contents

In the beginning of this course, the participants make inception presentations on issues or problems of industrial education and/or Human Resource Development (HRD) in their countries.

Lectures are provided by scholars and practitioners who are familiar with Human Capacity Development in Japanese industrial organizations.

The participants learn connection between HRD and organizational vision, relationship between HRD and Human Resource Management, and practices of OJT / Off-JT.

The participants visit Japanese organizations to learn reality of Human Capacity Development mechanism (e.g. companies, institutions offering training programs for industrial sector).

Finally they present action plans towards solutions of their HRD issues or problems.

This course does NOT cover planning / designing of specific training programs.

Program Period	2013 / 2/20 ～ 2013 / 3/9
Implementing Partner	Keio University Research Institute at SFC
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	This program is offered to High Ranking Officers (Jun-kokyu). Keio University Research Institute at SFC, Career Resource Laboratory http://www.kri.sfc.keio.ac.jp/en/lab/career.html

Knowledge-based Management for ASEAN "Nonaka Knowledge Forum for Global Leadership"
アセアン地域 知識経営

Region-Focused Leaders | 1284098 Continuing

12 participants

Target Countries : Countries in ASEAN Region

Sector : Aid Approach/Capacity Development

Sub-Sector :

Language : English

Appeal

This program is designed for the leaders or potential leaders of the organization to understand the meaning of "Knowledge-based Management" through the discussions and exercises.

Objective/Output	Target Organization / Group
Japanese leading companies and public organizations which are competitive and resilient, have built initiatives based on the concepts outlined in organizational knowledge creation theory to improve innovation and learning(knowledge-based management). In other words, they are good at sharing individual experiences and knowledge within an organization to connect them to concept development and strategies(organizational knowledge), creating new values and improving the organization continuously to survive in changing environment and to provide the best services. Such process is led by "Phronetic" leaders who continuously ask themselves "for what does this organization exist"? In this seminar, participant is required to understand what the real readership is in order to contribute to the organization and the society. The participant will; 1.Understand the concept of knowledge-based management, knowledge creation theory and phronetic leadership, 2.Re-articulate visions of respective organization and re-enforce commitment.	<Target Organization> Organization which has an important role to play in development of the respective society(not only governmental and public organization, but also include non- governmental, private organizations) <Target Group> 1.A person who is expected to be influential in the respective organization and the society(e.g. entrepreneur, Key-person of an organization which actively doing CSR) 2. 5 years of experience as a Manager or Leader of an organization 3. A person who has strong motivation and commitment to innovate his/her organization

Contents

<Preliminary phase in home country>
1. Studying literary works and DVD on knowledge-based management
2. Re-examining role of the respective organization in the society and its visions and reflecting on himself/herself.

<Core phase in Japan>
1. Knowledge-based management --theory and practice--
2. SECI model and concept of "Ba".
3. Phronetic leadership
4. Case studies(Site visits and discussions)
5. Exercises(observation, conceptualization and modeling)

Program Period	2012/11/17 ～ 2012/11/27
Implementing Partner	Hitotsubashi University Graduate School of ICS
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2010～2012
Remarks and Website	This program is offered to High Ranking Officers (Jun-kokyu).

19.Evaluation

Seminar on Evaluation of Japanese ODA Projects
ODAプロジェクト評価セミナー

Group 1280833
Trainers Continuing
18 participants

Target Countries :

Sector :Evaluation/Evaluation

Sub-Sector :

Language :English

Appeal

The workshop in the seminar enables the participants to exercise specifically and practically, by doing group works along with DAC Criteria for Evaluating Development Assistance. In the seminar, the participants take workshops based on the pre-work, formulate Action Plan (AP) about activities to be followed in their countries, and submit JICA Final Report (FR) after their achievement of AP.

※In JFY 2012, the seminar will focus on Japanese Technical Cooperation, and in JFY 2013, it will focus on ODA Loan.

Objective/Output

(Program Objective)
・To enhance participants' understanding on the importance of ODA evaluation and JICA's project(JFY2012: Technical Cooperation, JFY2013: ODA Loan) evaluation method , and also their evaluation capacity.
・To disseminate the knowledge acquired in the seminar in their respective organizations.
(Output 1) To understand JICA evaluation, especially evaluation system and method of Japanese ODA projects (JFY2012: Technical Cooperation, JFY2013: ODA Loan).
(Output 2)Acquire the knowledge on the evaluation method of Japanese ODA projects (JFY2012: Technical Cooperation, JFY2013: ODA Loan) on the practical level.
(Output 3)Through discussions by participants, they can share other countries' evaluation system and get insights into improvement in their own country's evaluation system.
(Output 4)To implement Action Plan in their respective organization and share its results with JICA.

※In JFY 2012, the seminar will focus on Japanese Technical Cooperation, and in JFY 2013, it will focus on ODA Loan. In each year, it also deals with the other Japanese ODA projects when the points are in common.

Target Organization / Group

(1)be director or deputy director of organizations the projects of which are planned to be evaluated under the scheme of ex-post evaluation of Japanese ODA projects (JFY2012: Technical Cooperation, JFY2013: ODA Loan)

(2)be director or deputy director of aid coordinating agencies, which are responsible for evaluation of Japanese ODA projects . In JFY 2012, in addition to these,

(3)be director or deputy director of organizations the projects of which are being carried out, and involved in the projects (Japanese technical cooperation project)

Contents

(Before) Preparatory assignment
(Japan) Lecture on JICA evaluation system, introduction of evaluation examples of Japanese ODA projects
(Japan) Site Visit (Observation of the actual case on evaluation in Japan)
(Japan) Exercise on evaluation method of Japanese ODA projects (JFY 2012: Technical cooperation, JFY 2013: ODA Loan), including discussions.
(Japan) To formulate Action Plan

(After) To implement Action Plan and to formulate Final Report

※In JFY 2012, the seminar will focus on Japanese Technical Cooperation, and in JFY 2013, it will focus on ODA Loan. In each year, it also deals with the other Japanese ODA projects when the points are in common.

Program Period	2012/12/ 2 ～ 2012/12/15
Implementing Partner	Managed directly by JICA
JICA Center	JICA Tokyo(Public Policy)
Cooperation Period	2011～2013
Remarks and Website	※In JFY 2012, the seminar will focus on Japanese Technical Cooperation, and in JFY 2013, it will focus on ODA Loan.