

Integrated Water Resources Management 統合水資源管理		Continuing	
		47 participants	
Target Countries :			
Course No. : (A)J1704160/(B)J1704429		No. : (A)1784461/(B)1784462	
Sector : Water Resources/Disaster Management/Comprehensive Water Resources Management			
Sub-Sector :			
Language : (A)English/(B)Dari			
Outline			
This program is designed for an administrative officer to gain the knowledge and to plan countermeasures against Water Resources Management issues in the respective countries by applying the concept of Integrated Water Resources Management(IWRM).			
Objective/Outcome		Target Organization / Group	
【Objective】 This course aims at the capacity development of the participants on the planning and implementation of IWRM. 【Outcome】 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 by prioritizing current problems and solving them by using acquired skills in the training course		【Target Organization】 Administrative organization or a department of central/local government concerning with IWRM or River Basin Organizations (RBOs) 【Target Group】 1. To be responsible for a plan on implementation of IWRM in an administrative organization or a department of central/local government or RBOs 2. To have more than 5 years of occupational experience in water resources management	
Contents			
【Lecture】 Outline of IWRM, Global Warming issues and its impact 【Lecture】 Surface and ground water -Development/Utilization/Administration- , Water demand management (domestic and agricultural water), Sustainable groundwater use, Water supply and demand control in waterworks side 【Lecture /Site Observation】 Monitoring water table and land subsidence 【Lecture】 Outline of water resources policy in Japan, Application of Japanese efficient water use and advanced water related technologies to foreign countries 【Lecture / Site Observation】 Integrated dam operation and drought adjustment 【Lecture/Site Observation/Discussion】 Consensus building for comprehensive river development, Utilization of Decision Support System, Implementation of IWRM in international rivers, Case study of water conflict management in Japan and the world, Planning process with conflict management 【Discussion】 Job Report Presentation, Action Plan Presentation		Course Period	(A) 2017/11/08~2017/12/02 (B) 2018/01/07~2018/02/03
		Department in Charge	Global Environment Department
		JICA Center	(A) JICA Tokyo (Economy&Env.) / (B) JICA Kyushu
		Cooperation Period	2015~2017
Implementing Partner	(A) Japan Water Agency/(B) Under Planning		
Remarks and Website			