

Improvement of Solid Waste Management Technologies(Basic, Technique) 廃棄物管理技術(基本、技術編)		Continuing
Target Countries : Continental countries and island countries with urban population over 100,000		
Course No. : (A)J1804067/(B)J1804276		No. : (A)1884813/(B)1884942
Sector : Environmental Management/Urban Solid Wastes		
Sub-Sector :		
Language : (A)English/(B)English		
Outline		
It aims at providing integrated knowledge shearing opportunity for solid waste management (SWM): planning, collection, intermediate treatment, final disposal, and recycling by learning mainly from major cities in the Kansai region. It is suitable for practitioners (engineer, technician, local/central government officer) in SWM to acquire necessary knowledge and skills towards better SWM in their country.		
Objective/Outcome		Target Organization / Group
【Objective】 More practical and effective solid waste management plan is proposed and discussed in related organizations in targeted countries based on the Action Plan designed by participant(s) in this program.		【Target Organization】 Local Government, National Government which supports local government, and/or private sector(s) in the field of urban solid waste management.
【Outcome】 1. Through the introduction of common issues on solid waste problems among participating countries, each participant recognizes, exchanges, and discusses how to tackle with solid waste problems. 2. Participants gain an overall view of mechanism and initiatives in waste management learning from cases in Osaka. 3. Participants learn about 1)collection and transportation, 2)intermediate treatment such as incineration, crushing, sorting and recycling, and 3)final disposal 4. Regarding hazardous waste (including medical waste), participants learn the theory of their generation and the methodology of proper treatment. 5. Participants learn how to encourage citizens, who must be main actors, to take part in waste management activities. 6. Participants analyze prioritized problem to be solved and develop an Action Plan for practical and feasible action to mitigate the waste problems. Through a series of workshops, they will share and implement the Action Plan in their country.		
Contents		
1. Solid waste management for sustainable society, integrated solid waste management, waste amount & composition survey 2. Waste management administration in Japan, Master Plan for household waste management, collection & transportation in Osaka or other cities in Kansai region, environmental education, industrial waste treatment, research institute 3. Time & Motion Study, waste collection, transfer facilities and operation 3R Policy (waste reduction, reuse and recycling) actions in Osaka or other cities in Kansai region, composting & recycling, intermediate treatment facilities (incineration plant) 4. Selection and planning of final disposal site, improvement, operation and maintenance of final disposal site, sanitary landfill technology (Fukuoka Method) 5. Outline of hazardous waste disposal, medical waste disposal, industrial waste disposal, countermeasures against illegal dumping 6. Public-Private cooperation, efforts towards recycling and education by business sectors 7. Job Report presentation, Action Plan preparation, Project Cycle Management workshop		Course Period
		Department in Charge
		JICA Center
		Cooperation Period
		2017~2019
Implementing Partner	(A)Global Environment Centre Foundation/(B)Hyogo Environmental Advancement Association	
Remarks and Website		