

Target Countries :

Course No. : (A)J1704072/(B)J1704066

No. : (A)1784474/(B)1784475

Sector : Water Resources/Disaster Management/Urban Water Supply

Sub-Sector :

Language : (A)English/(B)English

Outline

This program is designed for core engineers of medium - large waterworks to learn overall skill and knowledge related to planning, designing, and operation and maintenance to supply safe and stable drinking water. In addition, participants are requested to clarify the issues of their organizations and formulate an action plan for future activities by utilizing knowledge obtained through this program.

Objective/Outcome	Target Organization / Group	
<p>【Objective】 To learn methodology of basic planning of system and facilities for safe and stable drinking water supply based on a mid- to long- term plan. And with this, to clarify the issues that respective organizations have encountered and formulate an action plan for future activities by utilizing knowledge and know-how through this program.</p> <p>【Outcome】 (a) To understand the Japanese water supply systems and technologies (b) To learn methodology of basic planning and designing of system and facilities (c) To understand and compare related laws and regulations in Japan, and functions and roles of Japanese related entities (d) To clarify the issues of water supply systems of participants countries (e) Through information and skill from this training, to formulate an action plan for future improving activities and to share the plan in respective organizations</p>	<p>【Target Organization】 Departments of water supply planning or designing in a water supply utility, central/local government 【Target Group】 To be or expected an engineer in the formulation of waterworks plan with more than 5 years of experience in water supply</p>	
<p>Contents</p> <p>【Discussion】 Country Report Presentation 【Lecture, Site Observation】 Related Laws and Regulations for water supply systems in Japan, Mid- to Long- Term Plan of Waterworks in Japan, Waterworks Management and Tariff System in Japan, Public Private Partnership, Observation of Manufacturing Factory, Sanitation Research Organization, Small-scale Hydraulic Case Study for Disaster Management 【Lecture, Site Observation】 Water Purification Process, O/M of Distribution , Countermeasures of Water Leakage 【Practice】 Pipeline Network Analysis (hydrologic), Water Demand Forecasting, Basic Planning and Design (Pipeline Network, Water Purification Facility, Water Supply Systems) 【Discussion】 Action Plan Formulation and Presentation</p>	<p>Course Period</p>	<p>(A) 2017/05/10~2017/07/15 (B) 2017/05/31~2017/08/17</p>
	<p>Department in Charge</p>	<p>Global Environment Department</p>
	<p>JICA Center</p>	<p>(A) JICA Tokyo (Economy&Env.) / (B) JICA Hokkaido (Sapporo)</p>
	<p>Cooperation Period</p>	<p>2016~2018</p>
<p>Implementing Partner</p>	<p>(A) Japan Water Works Association / (B) Sapporo Water Works</p>	
<p>Remarks and Website</p>		