

Target Countries :

Course No. : (A) 201984461-J002/(B) 201984462-J002

No. : (A) 201984461/(B) 201984462

Sector : Water Resources/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	
<p>【Objective】 This course aims at the capacity development of the participants on the planning and implementation of IWRM.</p> <p>【Outcome】 (1) Concept - To understand the concept of IWRM (2) Data Collection and Analysis - To understand the hydrological and water-demand-supply balance, the methods of monitoring, assessment and analysis for planning and implementing IWRM (3) Planning Methods and Practices - To understand the water resource development plan, the fair and efficient water utilization plan, the planning methods and the practice of IWRM (4) Conflict Management - To understand the causes of water conflicts among different sectors and regions and the ones between upstream and downstream, thereby getting clues to resolve those conflicts (5) Action Plan - To formulate "Action Plan" to implement IWRM in the certain river basin, which is identified as the suitable river basin for IWRM practice in your "Job Report"</p>	<p>【Target Organization】 River Basin Organizations (RBOs), administrative organizations or central/local governmental authorities related to IWRM</p> <p>【Target Group】 (1) be responsible for plans for implementing of IWRM in their organization (2) have more than 10 years of work experience in water resources management (3) be university graduates from the faculty of engineering such as civil, sanitary, environmental, or have equivalent academic background</p>	
<p style="text-align: center;">Contents</p> <p>【Discussion, Presentation】 "Job Report" Presentation</p> <p>【Discussion, Presentation】 "Action Plan" Presentation</p> <p>【Lecture】 Outline of IWRM, Water resources and environment</p> <p>【Lecture, Site Visit】 Surface and ground water, Monitoring water table and land subsidence, Sustainable groundwater use including groundwater simulation, Water supply and demand control in waterworks side, Water demand management (domestic and agricultural water)</p> <p>【Lecture, Site Visit】 Outline of water resources policy in Japan, Integrated dam operation and drought management, Application of Japanese efficient water use and advanced water-related technologies to foreign countries</p> <p>【Lecture, Site Visit, Discussion】 Consensus building for comprehensive river development, Implementation of IWRM in international rivers</p>	<p>Course Period</p>	<p>(A) 2019/5~2019/6 (B) 2019/11~2019/12</p>
	<p>Department in Charge</p>	<p>Global Environment Department</p>
	<p>JICA Center</p>	<p>(A) JICA Tokyo (Economy&Env.) (B) JICA Kyushu</p>
	<p>Cooperation Period</p>	<p>2018~2020</p>
<p>Implementing Partner</p>	<p>(A) (A) Japan Water Agency (B) Kitakyushu International Techno-cooperative Association</p>	
<p>Remarks and Website</p>		