

Target Countries :

Course No. : J1804070

No. : 1884718

Sector : Agricultural/Rural Development/Rural Development

Sub-Sector :

Language : English

Outline

This program is designed to develop the capacity of engineers who are engaged in irrigation and drainage management. Participants learn about investigation, designing, operation and maintenance of irrigation and drainage facilities. This course also covers global warming, project management etc., that are essential knowledge for integrated water management.

Objective/Outcome	Target Organization / Group	
<p>【Objective】 The capacity of participants to implement irrigation and drainage projects is enhanced through acquiring relevant knowledge and technologies based on Integrated Water Management.</p> <p>【Outcome】 1. Participants explain issues on irrigation and drainage in their countries. 2. Participants comprehend and explain integrated water management and examples of agricultural development by irrigation and drainage. 3. Participants comprehend and explain basic theories of irrigation and drainage. 4. Participants comprehend and explain investigation, design, operation and maintenance of irrigation and drainage facilities. 5. Based on 1-4, participants prepare Job Improvement Plans (JIPs) for resolving the issues in respective countries.</p>	<p>【Target Organization】 Central and local governments or other equivalent organizations which are engaged in irrigation and drainage</p> <p>【Target Group】 1. Irrigation and drainage engineers who belong to target organizations 2. Engineers who have more than 2 years of experience in this field</p>	
<p>Contents</p> <p>Preliminary Phase: Preparation of Inception Reports on issues in responsible areas of participants' belonging organizations</p> <p>Core Phase in Japan: Lectures, observations, exercises, examinations, and report making and presentations are conducted in the following subjects: 1. Integrated Water Management, Consideration of Climatic and Hydrological Conditions, Climate Change and Water Management, Rural Resources, Agriculture and Rural Development in Japan, PIM, Water Quality, Farm Land Consolidation, and Land Improvement District 2. Hydrology, Runoff Analysis, Meteorological Observation, Financial and Economic Evaluation, Water Resources Engineering, Irrigation Technology (Paddy and Upland), and Sedimentation Management 3. Soil Engineering, Hydraulics, Survey, Design Exercise, Geotechnique, Slope Stability, CAD Program, Concrete, Hydraulic Facilities, Canal System Control, and Pump Station 4. Visit to research institutes and other relevant organizations and sites 5. Written and practical examinations 6. Project Management and Formulation of Job Improvement Plans (JIPs)</p>	<p>Course Period</p>	<p>2019/3/3~2019/9/14</p>
	<p>Department in Charge</p>	<p>Rural Development Department</p>
	<p>JICA Center</p>	<p>JICA Tsukuba (Training)</p>
	<p>Cooperation Period</p>	<p>2016~2018</p>
<p>Implementing Partner</p>	<p>Agricultural Development Consultants Association (ADCA)</p>	
<p>Remarks and Website</p>		