

Target Countries : Africa and Middle East countries with less than 0.5 aridity Index

Course No. : J1704375

No. : 1784726

Sector : Agricultural/Rural Development/Other Agricultural/Rural Development Issues

Sub-Sector :

Language : English

Outline

Participants for this training course are engineers and researchers working in the appropriate management of land and water resources for sustainable agriculture in central and local government. It is aimed that participants will gain necessary knowledge and technology, and then going back to their countries, they will disseminate what they gain in Japan among their own organizations or target areas.

Objective/Outcome	Target Organization / Group	
<p>【Objective】 The engineer or researcher who is involved in appropriate management and effective use of land and water resources working for central and local government will gain necessary knowledge and technology, and then will disseminate those in their own organizations or target areas.</p> <p>【Outcome】 To achieve the above mentioned objective, participants will acquire sufficient knowledge and skills in the following fields; 1. Understand the system of land and water management in Japan in comparison with participants' countries 2. Learn monitoring and analysis method to evaluate and manage land and water resources and irrigation facilities for sustainable agriculture in arid land. 3. Acquire knowledge and techniques for appropriate utilization of water resources to make plans for water use and irrigation facilities management. 4. Acquire knowledge and techniques to make plans of land use and land management for appropriate land use. 5. Acquire knowledge and techniques to make plans and implement wholesome agriculture and rural development. 6. Application of remote sensing for geological information management. 7. Preparation of extension / action plan after returning home. 8. Conduct workshops based on the plans and materials made during the training</p>	<p>【Target Organization】 Organizations or research institute with sections of land and water resources management in central and local governments</p> <p>【Target Group】 1. Engineers or researchers who will be key person in the division of the land and water resources management 2. University graduates or equivalent in agriculture or engineering and more than 3 years' experience in the relevant field 3. Under 40 years old</p>	
<p style="text-align: center;">Contents</p> <p>【Preliminary Phase】 Formulation and submission of Country Report</p> <p>【Core Training in Japan】 Through the following lectures, exercises and observations, participants will acquire comprehensive knowledge and skills; 1. Land and Water Management Acts in Japan 2. Groundwater resource Management 3. River System Management 4. Management of Irrigation and Drainage Facilities 5. Field Water Management 6. Soil Management 7. Crop Management 8. Rural Management 9. Energy Management 10. Environmental Impact Assessment 11. Management of Geographic Information</p> <p>【Complementary training in Egypt】 Participants will apply and practice the knowledge and skills acquired in Japan.</p> <p>【Finalization phase in home country】 Participants will disseminate what have acquired in Japan and Egypt to their respective organizations and submit the progress report to JICA.</p>	<p>Course Period</p>	<p>2017/07/24~2017/11/11</p>
	<p>Department in Charge</p>	<p>Rural Development Department</p>
	<p>JICA Center</p>	<p>JICA Chugoku</p>
	<p>Cooperation Period</p>	<p>2015~2017</p>
<p>Implementing Partner</p>	<p>Tottori University</p>	
<p>Remarks and Website</p>		