

**Target Countries :** African Countries

**Course No. :** (A) J1704064/ (B) J1704418

**No. :** (A) 1784477/ (B) 1784867

**Sector :** Water Resources/Disaster Management/Rural Water Supply

**Sub-Sector :**

**Language :** (A) French/ (B) English

**Outline**

Many African countries are still facing a major challenge in the severe shortage and the lack of appropriate operation and maintenance (O&M) system of water supply facilities especially in rural areas. In the Sustainable Development Goals (SDGs) which was adopted in 2015, "access to clean water and sanitation" is also set as one of the 17 global goals, and it aims to secure a universal access to safe drinking water by 2030". Besides, especially in the relatively small-scaled communities in rural areas, active participation and cooperation of the community residents are necessary for the sustainable O&M system of water supply facilities such as deep wells. This program aims to confirm basic techniques for the proper water supply and O&M system of water supply facilities in rural areas, and to advance necessary knowledge for ensuring a "participatory" and "gender-sensitive" O&M system in the small-scaled rural communities.

Objective/Outcome	Target Organization / Group		
<p><b>【Objective】</b>                      Analyzing the challenges in terms of water supply and operation and maintenance system in rural areas, necessary and sound countermeasures are proposed with utilizing the outcomes of the training in Japan.</p> <p><b>【Outcome】</b>                      1) Analyze current situation and problems on water supply and operation and maintenance (O&amp;M) system in rural areas                      2) Understand necessary knowledge and basic techniques for safe drinking water supply and O&amp;M system of water supply facilities in rural areas                      3) Examine the appropriate and sustainable O&amp;M system of water supply facilities by reference to the experiences of Japan and the other countries                      4) Examine necessary measures for improving water supply and ensuring proper and sustainable O&amp;M system of water supply facilities in rural areas as an "Action Plan"</p>	<p><b>【Target Organization】</b>                      The departments of rural water supply and/or O&amp;M service in the central or local government</p> <p><b>【Target Group】</b>                      Central or local government officials in charge of for rural water supply and/or O&amp;M of water supply facilities                      • have more than 3 years' practical experience in the relevant field                      • have a competent language skill                      • be under forty-five (45) years old</p>		
<p style="text-align: center;"><b>Contents</b></p> <p><b>【Preliminary Phase】</b>                      • Preparation and submission of country report</p> <p><b>【Core Phase in Japan】</b>                      &lt;Lecture&gt; water quality control, water treatment, O&amp;M of small-scaled water supply system in rural areas, maintenance of water supply facilities (pumps), sanitation, gender and water, integrated water resource management, etc.                      &lt;Site-visit&gt; (A) Furano-city and Higashikawa-town (Hokkaido), Numata-city (Gunma) (B) Takamatsu-city (Kagawa)                      &lt;Group discussion&gt; small-scaled water supply and O&amp;M system (case study)                      &lt;Practice&gt; participatory approach for the control of diarrheal diseases, PCM workshop, preparation and presentation of action plan</p> <p><b>【Finalization Phase】</b>                      • Preparation and submission of progress report</p>	<p><b>Course Period</b></p>	(A) 2017/06/14~2017/07/29 (B) Under Planning	
		<p><b>Department in Charge</b></p>	Global Environment Department
	<p><b>JICA Center</b></p>	(A) JICA Hokkaido (Sapporo)/ (B) JICA Shikoku	
	<p><b>Cooperation Period</b></p>	2016~2018	
<p><b>Implementing Partner</b></p>	(A) Earth and Human Corporation/ (B) Under Planning		
<p><b>Remarks and Website</b></p>			