

Target Countries :

Course No. : (A) 201984464-J002/ (B) 201984465-J002/ (C) 201984466-J002/ (D) 201984936-J002

No. : (A) 201984464/ (B) 201984465/ (C) 201984466/ (D) 201984936

Sector : Water Resources/Urban Water Supply

Sub-Sector : Water Resources/Rural Water Supply

Language : (A) English/ (B) Arabic/ (C) English/ (D) English

Outline

Capacity development in non-revenue water management including detection and prevention of leakage, analysis of leakage volume, and planning of leakage prevention, through practical training contents such as practical exercises, field visits, practical lectures, and a knowledge sharing among participants.

Objective/Outcome		Target Organization / Group	
<p>【Objective】 Action Plans on non-revenue water management will be proposed for the respective cities.</p> <p>【Outcome】 (Module-1) Participants can analyze current situation and challenges related to non-revenue water on each organization. (Module-2) Participants can explain a comprehensive technique and knowledge on non-revenue water. (Module-3) Participants can operate leakage detection equipment. (Module-4) Participants can analyze distribution flow and leakage volume. (Module-5) Participants can explain planning of leakage prevention. (Module-6) Participants can explain practical knowledge and techniques of design and construction supervision.</p>		<p>【Target Organization】 Department of water supply in central/local governments, or other public organizations</p> <p>【Target Group】 (Expected job title) Technical officials or middle-class administrative officials (Expected job experience) More than 5-year working experiences in the relevant sector</p>	
<p>Contents</p> <p>(Module-1) • Preparation and presentation of the Inception report (Module-2) • Outline of water supply business and non-revenue water management of a local government in Japan • Relationship between non-revenue water and water supply management (Module-3) • Characteristics of leakage • Mechanism and operation method of leakage detection equipment (Module-4) • Analysis of distribution flow and leakage volume (Module-5) • Planning of leakage prevention work • Cost-effectiveness analysis (Module-6) • Design and supervision of main facilities • Rehabilitation and replacement of pipes</p>		<p>Course Period</p> <p>(A) 2019/9~2019/10 (B) 2019/10~2019/12 (C) 2020/1~2020/2 (D) 2019/7~2019/8</p>	<p>Department in Charge</p> <p>Global Environment Department</p>
		<p>JICA Center</p> <p>(A) JICA Chubu (B) JICA Chubu (C) JICA Tokyo (Economy&Env.) (D) JICA Kyushu</p>	
		<p>Cooperation Period</p> <p>2017~2019</p>	
<p>Implementing Partner</p>	<p>(A) Japan International Cooperation center, (B) Nagoya Water Service Ltd, (C) Bureau of Waterworks Tokyo Metropolitan Government, (D) Fukuoka City Waterworks Bureau</p>		
<p>Remarks and Website</p>	<p>This training program focuses on leakage control, not on illegal water use.</p>		