

Non-Revenue Water Management (Leakage Control) 上水道無収水量管理対策(漏水防止対策)		Continuing
Target Countries :		
Course No. : (A) J1804401/(B) J1804402/(C) J1804147/(D) J1804382	No. : (A) 1884464/(B) 1884465/(C) 1884466/(D) 1884936	
Sector : Water Resources/Disaster Management/Urban Water Supply		
Sub-Sector : Water Resources/Disaster Management/Rural Water Supply		
Language : (A) English/(B) English/(C) Arabic/(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
【Objective】 Action Plans on non-revenue water management will be proposed for the respective cities.		【Target Organization】 Department of water supply in central/local governments, or other public organizations 【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
【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.		
Contents		
(Module-1) • Preparation and presentation of the Inception report		Course Period
(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		Department in Charge
(Module-4) • Analysis of distribution flow and leakage volume		JICA Center
(Module-5) • Planning of leakage prevention work • Cost-effectiveness analysis		
(Module-6) • Design and supervision of main facilities • Rehabilitation and replacement of pipes		
		Cooperation Period
		2017~2019
Implementing Partner	(A) Japan International Cooperation Center/(B) Nagoya Water and Sewage General Service Co., Ltd./(C) Bureau of Waterworks Tokyo Metropolitan Government/(D) Fukuoka City Waterworks Bureau	
Remarks and Website	This training program focuses on leakage control, not on illegal water use.	