

Target Countries :

Course No. : 201984915-J002

No. : 201984915

Sector : Environmental Management/Water Pollution

Sub-Sector :

Language : English

Outline

Due to rapid population growth and expansion of residential area, untreated night soil and wastewater discharge caused serious social problems: pollution to river, groundwater, or closed water area. Construction of sewerage system requires time and huge amount of money. The sanitary treatment of night soil and wastewater on-site (Johkasou) is cost effective and possible countermeasures against various kinds of water pollution due to domestic wastewater; and will contribute to improve safe water environment.

This program offers comprehensive wastewater treatment systems: laws and regulation to control water pollution, methodology of night soil and wastewater treatment, and operation and maintenance of Johkasou.

Objective/Outcome	Target Organization / Group	
<p>【Objective】 To obtain the knowledge/skills for introducing and disseminating of On-site wastewater treatment system which leads to enhance the capacity for tackling wastewater treatment issue</p> <p>【Outcome】 1. Outline of Wastewater treatment(Wastewater treatment and sanitation, measures for domestic wastewater, etc.) 2. Planning and Finance for Wastewater treatment(inclu. for On-site wastewater treatment) 3. On-site wastewater treatment technology and system 4. O&M for On-site wastewater treatment system(inclu. sludge treatment) 5. Examination for sustainable wastewater treatment and introduction/dissemination for On-site wastewater treatment</p>	<p>【Target Organization】 Central/Local government, Public corporation/organization in charge of wastewater treatment</p> <p>【Target Group】 Expected Job Title: Administratives, technical staff in target organization Expected Job Experience: More than three years experience in wastewater treatment</p>	
<p>Contents</p> <p>1. Outline of Wastewater treatment(Wastewater treatment and sanitation, measures for domestic wastewater, etc.) Introduction to wastewater treatment, wastewater treatment and sanitation, wastewater management and effluent standards 2. Planning and Finance for Wastewater treatment(incl. for On-site wastewater treatment) Sanitary improvement and On-site wastewater treatment in developing countries, On-site wastewater treatment in developing and developed countries, Wastewater management planning, Wastewater management finance 3. On-site wastewater treatment technology and system Advanced treatment tank, Wastewater facility in village, Toilet, Biological treatment 4. O&M for On-site wastewater treatment system(incl. sludge treatment) Introduction to O&M, O&M systems in developing and developed countries, Outline of Sludge treatment</p>	<p>Course Period</p>	<p>2019/8~2019/9</p>
	<p>Department in Charge</p>	<p>Global Environment Department</p>
	<p>JICA Center</p>	<p>JICA Kyushu</p>
	<p>Cooperation Period</p>	<p>2017~2019</p>

<p>Implementing Partner</p>	<p>Kitakyushu International Techno-cooperative Association (KITA)</p>
<p>Remarks and Website</p>	<p>Kitakyushu International Techno-cooperative Association (KITA) http://www.kita.or.jp/english/index.html</p>