

Target Countries :

Course No. : 201984801-J002

No. : 201984801

Sector : Environmental Management/Solid Waste Management

Sub-Sector :

Language : English

Outline

This program is designed for engineering officers engaged in waste management. In particular, it focuses on treatment processes of sanitary landfill and 3R rather than collection and transportation as an advanced course. Participants will be able to learn about relevant techniques such as an innovative project of Eco-town, semi aerobic landfill, composting, industrial waste treatment and so forth.

Objective/Outcome	Target Organization / Group	
<p>【Objective】 Participants will be able to elaborate and formulate action plans for technical improvement of existing processes (in particular, final disposal and intermediate treatment).</p> <p>【Outcome】 1. Be able to explain an outline of waste management policy and administration in Japan including Kitakyushu City. 2. Be able to explain concrete technologies that are applied to treatment processes of collection, transportation, incineration, intermediate treatment and final disposal in Japan. 3. Be able to explain policy outline, resource recycling technology and final disposal for dealing with industrial wastes. 4. Be able to examine and identify possible ideas to be applied for technical improvement.</p>	<p>【Target Organization】 Governmental organization engaged in waste management</p> <p>【Target Group】 1. Engineering officers in charge of waste treatment processes on collection, transportation, intermediate treatment and final disposal 2. Occupational experience of more than three (3) years in relevant field</p>	
<p>Contents</p> <p>Participants will learn the followings through lectures, site visits, practices and discussions.</p> <p>1. Waste management administration and planning of Kitakyushu City, Establishment of sound material cycle society, Eco-town project, Life cycle assessment of waste, Overview of solid waste management in developing countries and Japanese assistance 2. Separate collection, Incineration technology, Recycling technology (Eco-town), Composting technique, Biogas recovery, Refuse Derived Fuel (RDF), Structure and maintenance of semi aerobic landfill site, Leachate treatment, Composition analysis of refuse 3. Industrial waste administration, Countermeasures against illegal dumping, Treatment and recycling technologies for sludge, waste oil and plastic refuse 4. Job report presentation, Issue analysis workshop, Group review discussion, Instruction of action plan</p>	<p>Course Period</p>	<p>2019/7~2019/9</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>

Implementing Partner Kitakyushu International Techno-cooperative Association (KITA)

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