

**Target Countries :**

**Course No. :** 201984812-J002

**No. :** 201984812

**Sector :** Environmental Management/Solid Waste Management

**Sub-Sector :**

**Language :** English

**Outline**

This training program intends to promote introduction and effective management of semi aerobic landfill (Fukuoka Method), one of techniques for final disposal site. Participants are able to enhance practical knowledge and techniques, as the curriculum covers design, maintenance, and conservation of surrounding environment, focusing on practices.

Objective/Outcome	Target Organization / Group
<p><b>【Objective】</b>                      The action plan to improve the landfill site is formulated utilizing the method of "Semi Aerobic Landfill Site (Fukuoka Method)".</p> <p><b>【Outcome】</b>                      1. Be able to explain about various methods of waste disposal around the world.                      2. Be able to explain about methodologies for designing of semi aerobic landfill.                      3. Be able to explain about maintenance management of semi aerobic landfill.                      4. Be able to explain about environmental management in semi aerobic landfill.                      5. Be able to formulate an action plan for improvement of landfill sites.</p>	<p><b>【Target Organization】</b>                      Governmental organizations in charge of management of the final disposal site</p> <p><b>【Target Group】</b>                      1. Staffs in charge of management and maintenance of the final disposal site                      2. Occupational experience of more than 5 years in the area                      3. Be under 50 years old</p>

Contents			
<p>[Preliminary Phase]                      Preparation of a report on overview and challenges of landfill sites.                      [Core Phase in Japan (lecture, practice and/or field study)]                      1. Waste disposal in Fukuoka City, Examples from foreign countries to introduce semi aerobic landfill                      2. Site selection, Theories on semi aerobic landfill, Construction of the new disposal site, Improvement of existing disposal site                      3. Entrance management, Operations for dumping and soil-covering, Leachate treatment                      4. Composition analysis of solid waste and leachate, Quality control of discharged water, Inspection of underground water and generated gas, Application to CDM                      5. Action plan formulation and discussions</p>	<b>Course Period</b>	2019/9~2019/10	
	<b>Department in Charge</b>	Global Environment Department	
	<b>JICA Center</b>	JICA Kyushu	
	<b>Cooperation Period</b>	2018~2020	

<b>Implementing Partner</b>	Fukuoka Environment Foundation
<b>Remarks and Website</b>	