Objective/Outcome

The drafted action plan is actually implemented, construction plan of "Semi Aerobic Landfill Site (Fukuoka Method)" will be proposed, then method of Aerobic Landfill Site will be disseminated.

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.

Target Organization / Group

Governmental organizations in charge of management of the final disposal site

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

Contents

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 (Clean Development Mechanism)
5. Action plan formulation and discussions

Finalization Phase
1. Formulation and submission of reports to present progress of Action Plan
2. Follow-up seminars, according to the progress

Website
http://f-kankyo.net/