

Annex I Training Curriculum



Online

Knowledge Co-Creation Program (Group and Region Focus)

TECHNOLOGY FOR SOLID WASTE MANAGEMENT WITH RECYCLING PROMOTION FOR SOUND MATERIAL-CYCLE SOCIETY



Course Period:

September 26, 2022 - December 2, 2022

On demand class: September 26, 2022 to October 28, 2022

Live distribution: A couple of times from November 21, 2022 to December 2, 2022



How do we build A Sound Material Cycle Society?

Gain insight to an essence of sustainable
regional development
more practical, more interactive,
more inspirational
from the experiences of Japan.

Outline

This program is offered to engineering officers and managers in charge of waste management processes on collection, transportation, intermediate treatment and final disposal.

The sessions will be held online and will include self-study and discussion with web conference.

All sessions are carried out in English.

The period of the program is from September 26, 2022 to December 2, 2022.

Course Capacity: 13



When?

Online Program Period



[On-demand Class]

Self-study

From September 26, 2022

to October 28, 2022

Kyushu Center

Where?

[Live distribution]

A couple of times of Interactive Q&A Session etc.

(2 hours) weekdays

From November 21 to December 2,

2022

All participants will be connected via Zoom on the date/time later informed.

This course is carried out totally online, organized by JICA Kyushu Center. You will receive essential reading materials for your self-study at your office or home. As the online homeroom and Q&A sessions are held to assist your learning process, you are required to have a certain IT environment. For detail, see page 11.

How?

How to Learn

• Self-Study via net delivered

- ✓ Lectures
- ✓ Virtual Tour

• Online Interactive session

- ✓ Question and Answer
- ✓ Discussions



Watch



Listen



Experience



Study



Chat



Discuss



Watch



Listen



Experience



Study



Interact



Discuss

Language

English

Commitment to the SDGs

**SUSTAINABLE
DEVELOPMENT
GOALS**



Program Structure

1. On Demand Class: Delivering study materials during September 26 ~ October 28, 2022

Main topics are as in the followings:

- Sound Material Cycle Society
- Solid Waste Management in Kitakyushu City (General waste & Industrial waste)
- Effective management (Time and Motion Study and Cleaner Production)
- Basic theory of landfill technology
- Composting from Organic Waste and Livestock Manure
- City Planning along with Nature Preservation
- Virtual tour

2. Live Classes : A couple of times from November 21 to December 2, 2022

- Online Q&A Session
- General Discussion

Instructors

Course Leader

Mr. Tsutomu SASHIWA

Kitakyushu International Techno-cooperative Association

He has been in charge of waste management course as Course Leader for 7 years.

He also gives some lectures as to Sound Material Cycle Society. (SMCS)



Lectures

Mr. Ryo HIRAGA

He is lecturer as to Time and Motion Study which introduces effective management of garbage collection and transportation work.

Mr. Kiyoshi HARAGUCHI

He is lecturer as to Waste Management by Kitakyushu City.

Dr. Koji TAKAKURA

He is lecturer as to Composting from Organic Waste which has been often introduced as “Takakura Method”.

Prof. Bart DEWANCKER

He is lecturer as to City Planning along with Nature Preservation which must be belonging to rather new subject combined with architecture and environment.

Dr. Futoshi KOYAMA

He is lecturer as to Composting from Livestock Manure, particularly about its quality control.

Program Officer

Mr. Sho MIURA

Japan International Cooperation Agency (JICA) Kyushu Center

In this program, we focus on recycling technology as a key of the contribution by engineers or managers to solve challenges in solid waste management. Let's gain a new perspective on your work through discussions with the lecturers and other participants.