



【Online】 Knowledge Co-Creation Program (Group & Region Focus)

GENERAL INFORMATION ON

Sustainable Solid Waste Management in Islands Areas (B)
課題別研修「島嶼地域における持続可能な廃棄物管理(B)」

JFY 2022

Course No. 202110059-J001

Course Period : From September 27th to November 1st, 2022

This information pertains to one of the JICA Knowledge Co-Creation Program (Group & Region Focus) of the Japan International Cooperation Agency (JICA), which shall be implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

JICA Knowledge Co-Creation (KCC) Program

The Japanese Cabinet released the Development Cooperation Charter in February 2015, which stated, *“In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together.”* JICA believes that this ‘Knowledge Co-Creation Program’ will serve as a foundation of mutual learning process.

I. Concept

Background

In island countries, although the solid waste management has been observed as a preferential topic, technical measures to the issues have not been yet directed. Due to limitation of land space, it is said that most of the landfill will be filled to capacity within few years, so that to tackle with appropriate solid waste management is being required urgently.

This course has contents based on the experience of Okinawa which had overcome various problems on the solid waste management. Okinawa prefecture which had similarities with island countries states to be the place for training. In concrete, Okinawa is an aggregation of islands, isolated environment and sub-tropical climate.

Furthermore, Okinawa is leading prefecture in promoting re-cycling such as trash separation and public awareness raising activities.

This training aims to make participants understand the necessity and learn the techniques of **sustainable solid waste management in islands**, and to utilize it for planning and implementing appropriate solid waste management in respective organizations and countries.

For what?

This program aims to direct the issues on sustainable solid waste management in small islands which participating organizations are facing, and to formulate the practical measures to the issues.

For whom?

This program is offered to those who work in the field of solid waste management.

How?

Participants shall have opportunities in Japan to have a lecture, observation and exercise on activities, present situation and constraints of solid waste management in respective countries and Japan.

II. Description

1. Title (Course No.):

Sustainable Solid Waste Management in Islands Areas (B) (202110059-J001)

2. Course Period

September 27th to November 1st, 2022

3. Target Regions or Countries

Antigua and Barbuda, Bahamas, Belize, Cuba, Jamaica, Saint Christopher and Nevis, St. Lucia, Trinidad and Tobago ,Guyana

4. Eligible / Target Organization

Organization in the field of solid waste management such as central/local government, public utilities, NGOs

5. Course Capacity (Upper limit of Participants)

9 participants

6. Language to be used in this program

English

7. Course Objective:

The objective of the course is that participants sort out present issues of sustainable solid waste management by utilizing the knowledge and techniques acquired through the course,

8. Overall Goal

Sustainable strategies for solid waste management will be formulated in participating organization.

9. Expected Module Output and Contents:

This program consists of the following components. Details on each component are given below:

(1) Preliminary Phase	
<i>Participating organizations make required preparation for the Program.</i>	
Expected Module Output	Activities
Self-introduction and Job description	<ul style="list-style-type: none">- Analysis of current issues- Formulation and submission of Job report in accordance with ANNEX

(2) Core Phase	
Expected Module Output	Subjects/Agendas
(1) To learn appropriate technologies for solid waste management in island areas	<ul style="list-style-type: none">- Appropriate technologies for solid waste management in island areas (Vol. 1, 2)- Case study of ex-trainees activities (Vol. 1, 2)- Semi-aerobic sanitary landfill

(2) To learn the knowledge, techniques and experiences of Naha city, Okinawa Prefecture and Japan	<ul style="list-style-type: none"> - History and challenges for solid waste management in Naha city - Administration, systems, laws and regulation in Japan and Naha city - Waste composition research and analysis - Safety measures for garbage collection - Solid waste management in remote islands in Okinawa prefecture - Activities of Recyclers in Okinawa Prefecture
(3) To learn the method for public awareness and issues of marine debris	<ul style="list-style-type: none"> - Public awareness raising activities for solid waste management (Vol. 1, 2) - Marine debris, Micro plastics
(4) To formulate a simple version of Waste Management Paper of an each country	Formulation of a simple version of Waste Management White Paper of an each country

10. Location and Time:

(1) Location

Since this program is online, where you will be connecting from may be determined by the quality of your Internet connection. Please inform JICA where you will be connecting from (e.g. home, office). If you cannot secure a location with an adequate Internet connection, please consult with JICA Office.

(2) Time

The online program will be live-streamed between 7 am and 10 pm (Japan Standard Time). The time in each participating country is as follows.

Country	Time
Antigua and Barbuda	<u>18:00 – 21:00</u>
Bahamas	<u>18:00 – 21:00</u>
Belize	<u>16:00 – 19:00</u>
Cuba	<u>18:00 – 21:00</u>
Jamaica	<u>17:00 – 20:00</u>
Saint Christopher and Nevis	<u>18:00 – 21:00</u>
St. Lucia	<u>18:00 – 21:00</u>
Trinidad and Tobago	<u>18:00 – 21:00</u>
Guyana	<u>18:00 – 21:00</u>

【 Note 】 The schedule may change slightly after which countries will be participating has been confirmed.

【Contents of the Online Program】

*This tentative schedule may be subject to change.

< Online Live Discussion Session >

Participants are requested to attend the following live discussion session **through video conference system.**

1 session will be Two (2) or Three (3) hours.

Time will be fixed considering the time difference.

- September 27th (Tue) : Self-introduction and ice breaking, Course orientation
- October 4th (Tue) : Appropriate technologies for solid waste management in island areas
- October 5th (Wed) : Review of 1st week, Comparison and analysis of basic data of solid waste management in each participants' country
- October 11th (Tue) : Semi-aerobic sanitary landfill
- October 12th (Wed) : Review of 2nd week
- October 18th (Tue) : Review of 3rd week,
- October 25th (Tue) : Review of 4th week
- November 1st (Tue): Deliverable Presentation

< Video Materials>

Participants are requested to see the following video materials **through Youtube.**

*Appropriately 40 - 60 minutes / 1 lecture

- 1st week

(1) Appropriate technologies for solid waste management in island areas (Vol. 1, 2)

(2) Case study of ex-trainees activities (Vol. 1, 2)

- 2nd week

(1) History and challenge for solid waste management in Naha city

(2) Administration, systems, laws and regulation in Japan and Naha city

(3) Waste composition research and analysis

3rd week

- (1) Safety measures for garbage collection
- (2) Solid waste management in remote islands in Okinawa prefecture
- (3) Activities of Recyclers in Okinawa

4th week

- (1) Public awareness raising activities for solid waste management (Vol. 1, 2)
- (2) Marine debris, Micro plastics

5th week

- (1) Educational
- (2) OCRM activities



III. Conditions and Procedures for Application

1. Expectations from the Participating Organizations:

- (1) This program is designed primarily for organizations that intend to address specific issues or problems identified in their operations. Participating organizations are expected to use the project for those specific purposes.
- (2) Accordingly, applying organizations are expected to nominate the most qualified candidates to address the said issues or problems, carefully referring to the qualifications described in section III-2 below.
- (3) Applying organizations are also expected to be prepared to make use of knowledge acquired by the nominees for the said purpose.
- (4) This program is enriched with contents and facilitation schemes specially developed in collaboration with relevant prominent organizations in Japan. These special features enable the project to meet specific requirements of applying organizations and effectively facilitate them toward solutions for the issues and problems.
- (5) Participating organizations are requested to allocate two to three hours a day for the duration of the program such that participants can participate in this online program without being interrupted by their normal duties.**

2. Nominee Qualifications:

Applying Organizations are expected to select nominees who meet the following qualifications.

(1) Essential Qualifications

- 1) Current Duties: be engaged in the organization in the field of solid waste management such as central/local government, public utilities, NGOs.
- 2) Experience in the relevant field: have at least 3 years of working experience in the field of solid waste management.
- 3) Educational Background: be a university graduate or equivalent.
- 4) Language: have a sufficient competence in spoken and written English.
- 5) PC with Internet access and web camera: Possess a PC with Internet access to YouTube, Google Classroom, and Zoom. Also, with a web camera, microphone and speaker for the online live sessions.
- 6) Health: must be in good health, physically and mentally, to participate in the Program.
- 7) Must have commitment on the pro-active participation of the training as well as on the utilization of the training results for own organization and country.

(2) Recommendable Qualifications

- 1) Age: be between the ages of twenty-five (25) and forty-five (45) years.
- 2) Gender Equality and Women's Empowerment: Women are encouraged to apply for the program. JICA makes a commitment to promote gender equality and women's empowerment, providing equal opportunity for all applicants regardless of sexual orientation and gender identity.
- 3) Other: PC usage skills.

3. Required Documents for Application :

- (1) Application Form: The Application Form is available at the JICA office (Or the Embassy of Japan).
- (2) Photocopy of passport: to be submitted with the application form, if you do not possess your passport, you are requested to fill in the followings on the Application Form correctly: Name, Date of birth, Nationality, Sex.
- (3) Nominee's English Score Sheet: to be submitted with the application form. If you have any official documentation of English ability. (e.g., TOEFL, TOEIC, IELTS)
- (4) Inception Report: to be submitted with the application form to JICA. See ANNEX.

4. Procedures for Application and Selection :

- (1) Submission of the Application Documents:
Closing date for applications: **Please inquire to the JICA office (Or the Embassy of Japan).** After receiving applications, the JICA office (or the Embassy of Japan) will send them to **the JICA Center in JAPAN by 24th August, 2022.**

- (2) Selection:

After receiving the documents through proper channels from your government, the JICA office (or the embassy of Japan) will conduct screenings, and then forward the documents to the JICA Center in Japan. Selection will be made by the JICA Center in consultation with concerned organizations in Japan. *The applying organization with the best intention to utilize the opportunity of this program will be highly valued in the selection.* Qualifications of applicants who belong to the military or other military-related organizations and/or who are enlisted in the military will be examined by the Government of Japan on a case-by-case basis, consistent with the Development Cooperation Charter of Japan, taking into consideration their duties, positions in the organization, and other relevant information in a comprehensive manner.

(3) Notice of Acceptance:

Notification of results will be made by the JICA office (or the Embassy of Japan) **not later than 31st August, 2022.**

5. Conditions for Attendance:

- (1)** to strictly adhere to the program schedule.
- (2)** not to change the program topics.

IV. Administrative Arrangements

1. Organizer:

(1) Name: JICA Okinawa Center (JICA Okinawa)

(2) Contact: Ms. HOSOKAI Mizuki (Training Program Division)

oictp@jica.go.jp

2. Implementing Partner:

General Incorporated Association Okinawa Citizens Recycling Movement

V. Other Information

1. For your Information

Information of Okinawa is available at following URLs.

- (1) Homepage of Urasoe city (where JICA Okinawa is located):

http://www.city.urasoe.lg.jp/index_english.html

Basic information of Urasoe city is covered in English.

- (2) HP of Okinawa Prefecture:

<https://www.pref.okinawa.jp/site/chijiko/kohokoryu/foreign/english/index.html>

Basic information of Okinawa prefecture is covered (Urasoe city is one of the municipalities of Okinawa prefecture) in English.

- (3) HP of Okinawa Convention & Visitors Bureau:

<https://www.visitokinawa.jp/>

- (4) YouTube of “Knowledge Co-Creation Program and life in Japan”
(English ver.)

<https://www.youtube.com/watch?v=SLurfKugrEw>

- (5) The YouTube channel of JICA Okinawa:

<https://www.youtube.com/user/jicaokinawa>

- (6) The Facebook page of JICA Okinawa:

<https://www.facebook.com/jicaokinawaoc/>

- (7) “Introduction of JICA Centers in Japan”

JICA Okinawa

<https://www.jica.go.jp/okinawa/english/office/index.html>

VI. ANNEX

Self-introduction and Job description

Name:

Nickname:

Country:

1. Name of your organization and its roles and/or business (if any)

2. Your position in your organization

3. Your main roles in your organization

4. Problems and issues that you are currently experiencing, and/or things that needs to be improved

For Your Reference

JICA and Capacity Development

The key concept underpinning JICA operations since its establishment in 1974 has been the conviction that “capacity development” is central to the socioeconomic development of any country, regardless of the specific operational scheme one may be undertaking, i.e. expert assignments, development projects, development study projects, training programs, JOCV programs, etc.

Within this wide range of programs, Training Programs have long occupied an important place in JICA operations. Conducted in Japan, they provide partner countries with opportunities to acquire practical knowledge accumulated in Japanese society. Participants dispatched by partner countries might find useful knowledge and re-create their own knowledge for enhancement of their own capacity or that of the organization and society to which they belong.

About 460 pre-organized programs cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs and are being customized to address the specific needs of different target organizations, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

Japanese Development Experience

Japan was the first non-Western country to successfully modernize its society and industrialize its economy. At the core of this process, which started more than 140 years ago, was the “*adopt and adapt*” concept by which a wide range of appropriate skills and knowledge have been imported from developed countries; these skills and knowledge have been adapted and/or improved using local skills, knowledge and initiatives. They finally became internalized in Japanese society to suit its local needs and conditions.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from this “*adoption and adaptation*” process, which, of course, has been accompanied by countless failures and errors behind the success stories. We presume that such experiences, both successful and unsuccessful, will be useful to our partners who are trying to address the challenges currently faced by developing countries.

However, it is rather challenging to share with our partners this whole body of Japan’s developmental experience. This difficulty has to do, in part, with the challenge of explaining a body of “tacit knowledge,” a type of knowledge that cannot fully be expressed in words or numbers. Adding to this difficulty are the social and cultural systems of Japan that vastly differ from those of other Western industrialized countries, and hence still remain unfamiliar to many partner countries. Simply stated, coming to Japan might be one way of overcoming such a cultural gap.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



CORRESPONDENCE

For enquiries and further information, please contact the JICA office or the Embassy of Japan. Further, address correspondence to:

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