

Workshop on Waste Management for Resilient Cities

Program shared with the 6th UCLG ASPAC Congress

5~8 September 2016 (Gunsan-si, Korea)

Background

Nowadays, it is increasingly important for cities, especially in the developing region, to be equipped with capacities to survive, adapt and grow whilst coping with unpredictable challenges posed by climate change, disaster events, rapid urbanization and the economic downturn. This means that cities will need to become more resilient in a sense that they can readily respond to and deal with abrupt shocks and stresses that emerge. Studies show that building urban resilience involves multiple interventions which encompass different perspectives, scales and entry points. There are seven factors which are believed to be contributing to cities' resilience; they are disaster response, energy, food security, transport, urban planning, waste management and water management.¹

Accordingly, it is important to properly manage waste within and effectively plan physical systems (i.e., infrastructure, technology etc.) of cities, if the cities are to function adequately as a safeguard protecting residents from possible future dangers and threats which are inevitable. However, much of the population in the Asia-Pacific region still lacks appropriate waste management strategies and city planning policies, and this is due to a fact that developing strategies and policies requires a multilateral effort which encompasses technical, institutional, financial, social and cultural challenges.² Other hindrances include the low priority given to waste and resilient city related issues and lack of awareness and knowledge among citizens.

This workshop represents an unparalleled opportunity for government officials and other key actors in the Asia-Pacific region to strengthen their capacities and knowledge in the practice of waste management and resilient city planning. Participants will not only improve their career opportunities, but also will expand the reach of their global network. In addition, the 6th UCLG ASPAC congress will be convened in parallel to benefit both the participants and the general public who want to understand about strategies for sustainable regional development, global issues and ways of cooperation.

Event objectives

Participants will learn about available waste management strategies as well as challenges and opportunities in implementing policies for resilient city planning. In addition, participants will gain knowledge for applying the multiple interventions concept in a multilateral context.

Learning objectives

By the end of the workshop, participants will be able to:

- develop a comprehensive understanding of strategies, policies and technologies involved in waste management;
- recognize the challenges put forward to the international community by the lack of substantive and practical knowledge of resilient city planning;
- evaluate strengths and weaknesses related to waste management and city planning;
- examine the impact of the current waste management and city planning approaches on countries in the Asia-Pacific region; and
- propose reforms in the global waste management and city planning.

Content and structure

The workshop will include the following:

- topic 1: waste management and climate change
- topic 2: waste management and disaster response
- topic 3: waste management for resilient cities

¹ www.100resilientcities.org

² Silva, J. D. (Ed.). (2012). Visions of a resilient city. *Resilient Cities 2012 Competition Synthesis Paper*.

- topic 4: resilient city planning (infrastructure, transport etc.)
- topic 5: green energy options for resilient cities

Methodology

The workshop will be comprised of:

- the 6th UCLG ASPAC congress sessions (www.uclg.org/en/media/events/6th-uclg-aspac-congress)
- lectures and presentations by experts
- group work and case study presentation
- UNITAR developed “CityShare” Methodology³
- study visit

Target audience

This workshop is open to central and local government officials and other key actors from NGOs, institutions and private enterprises in the field of waste management and city planning. ※ persons working in the Asia-Pacific region only

Event detail

- **Event type:** Workshop
- **Date:** 5~8 September (4 days)
- **Venue:** Gunsan Saemangum Convention Center, Gunsan-si, Jeollabuk-do, Korea
- **Organizers:** UNITAR CIFAL Jeju, United Cities and Local Governments Asia-Pacific (UCLG ASPAC) and Jeollabuk-do
- **Websites:** www.cifaljeju.org, www.uclg-aspac.org/en/, <http://en.jeonbuk.go.kr>
- **Certificates** UNITAR and CIFAL Jeju will jointly issue a certificate upon completion of the workshop program.

Requirement

When selected as a participant, you will be required to:

- submit necessary documents on time, i.e. , registration form etc.
- complete and submit pre-training readings and assignments, i.e. self-assessment, case study presentation, e-learning modules etc.
- actively participate in the workshop program
- **be fluent in written and spoken English**

Application and deadline (※Late application will NOT be accepted.)

Send the following 7 documents to cifaljeju.env@gmail.com **by 27th July (Wednesday)**:

- I. Download forms and guidelines from http://cifaljeju.org/bbs/board.php?bo_table=future
 - ① Application
 - ② Letter of nomination
 - ③ Letter of commitment
 - ④ Case study description (see *guidelines*)

³ "CityShare methodology" aims at optimizing peer learning between local officials and other local stakeholders playing crucial roles in ensuring sustainable municipal development. The methodology consists of various processes of self-assessment, distillation, and transfer of challenges, lessons learned, and good practices between local stakeholders and resource persons. It is also composed of several tools to provide a common framework for the evaluation of experiences made by the participating cities and offer a common language for the exchange and assimilation of experiences, as well as a roadmap for action and progress.

- ⑤ Acknowledgement, waiver and release of liability
- ⑥ Consent to collection, usage and disclosure of personal information

2. Curriculum Vitae (CV) – form of your own

Note

- Application without required documents will NOT be considered.
- Participation is subject to approval of the application by UNITAR CIFAL Jeju.
- Selected applicants will be notified individually.

Assistance with travel expenses

- UNITAR CIFAL Jeju provides a **LIMITED financial assistance with the airfare** to Gunsan-si, Jeollabuk-do, Korea as below.

Point of departure	Airfare assistance limit
Eastern Asia ⁴	US\$ 300 (from Mongolia US\$ 400)
South-Eastern Asia ⁵	US\$ 450 (from Cambodia, Lao PDR and Myanmar US\$ 650)
Southern Asia ⁶	US\$ 800 (from Sri Lanka US\$ 700 and from Nepal US\$ 950)
Pacific Islands ⁷	US\$ 1,200

* Other points of departure – please contact UNITAR CIFAL Jeju

- Local expenses (transportation, accommodation and meals) during the workshop will be covered by UNITAR CIFAL Jeju.
- **All other expenses are the responsibility of the participants.**

⁴ China, Hong Kong, Macao, Japan, Taiwan

⁵ Brunei Darussalam, Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam

⁶ Afghanistan, Bangladesh, Bhutan, India, Maldives, Pakistan

⁷ Kiribati, Papua New Guinea, Samoa, Tuvalu, Vanuatu

Workshop on Waste Management for Resilient Cities

5 September (Monday, Day 1) ※ The program is subject to change.

08:40 09:00 Registration & coffee break

UNITAR CIFAL Jeju workshop opening

09:00 09:10 Welcoming remarks by Amb. SHIN Hyun-suk, director of UNITAR CIFAL Jeju, Korea

09:10 09:25 Ice-breaking (participants self-introduction)

09:25 09:40 UNITAR CIFAL Jeju introduction

09:40 09:50 Group photo

09:50 10:00 Break

Session 1: Waste management and climate change

Dr. Mushtaq Ahmed MEMON, programme officer, UNEP International Environmental Technology Centre (IETC)

10:00 11:00 Climate change and cities

11:00 11:20 Coffee break

11:20 12:20 Waste management to mitigate effects of climate change

12:30 14:00 Lunch

The 6th UCLG ASPAC congress opening

14:00 14:30 Opening ceremony

14:30 15:00 Keynote speech by Yoshihiro KATAYAMA, faculty of Law, Keio University, Japan

15:00 15:20 Coffee break

Session 2: Case study presentation

15:20 16:20 Participants case study presentation (10 min each / selected participants only)

16:20 16:30 Break

Session 3: Waste management and disaster response

Dr. Mushtaq Ahmed MEMON, programme officer, UNEP International Environmental Technology Centre (IETC)

16:30 18:00 Proper waste management strategies to tackle flooding and diseases

Tour 1: GSCO Exhibition

18:00 18:40 Exhibition hall tour

19:00 20:40 Welcome dinner

20:50 Back to hotel

Workshop on Waste Management for Resilient Cities

6 September (Tuesday, Day 2) ※ The program is subject to change.

09:00 09:10 Report of Day 1

Session 4: Energy supply

Dr. KIM Jeong-in, Professor, Chung-Ang University, Korea

09:00 10:30 Green energy options for resilient cities (with Q&A)

10:30 11:00 Coffee break

Session 5: Panel session on “Enhancing City Resilience with Multiple Interventions”

Chaired by Dr. Mushtaq Ahmed MEMON, programme officer, UNEP IETC

11:00 11:10 Session introduction

11:10 11:30 Keynote presentation (foreign RP)

11:30 11:50 Presentation ① (Korean RP)

11:50 12:10 Presentation ② (foreign RP)

12:10 12:30 Panel discussion

12:30 13:50 Lunch

Session 6: Resilient city planning

Dr. Ali Gul QURESHI, Professor, Kyoto University, Japan

13:50 14:50 Resilient city planning

14:50 15:00 Break

15:00 16:00 Transport system for resilient cities

16:00 16:20 Coffee break

16:20 17:20 Infrastructure development for resilient cities

Session 7: Good example sharing

Dr. YANG Ki-hae, Chairman, Segi Environment Co. Ltd.

17:20 17:50 Wastewater treatment technology transfer to Nepal (with Q&A)

18:00 19:40 Dinner

19:50 Back to hotel

Workshop on Waste Management for Resilient Cities

7 September (Wednesday, Day 3) ※ The program is subject to change.

Tour 2: Field visit

09:00 16:40 Study visit

17:00 17:10 Report of day 2

Session 8: Waste management for resilient cities

Dr. Mushtaq Ahmed MEMON, programme officer, UNEP International Environmental Technology Centre (IETC)

17:10 18:50 Waste management strategies for resilient cities

19:00 Dinner

8 September (Thursday, Day 4) ※ The program is subject to change.

Session 9: CityShare Methodology

09:00 12:30 CityShare introduction, knowledge asset, knowledge fair (part 1)

12:30 13:50 Lunch

13:50 15:00 Knowledge fair (part 2) & action plan writing

15:00 15:30 Evaluation & reimbursement

UNITAR CIFAL Jeju workshop closing

15:30 16:10 Closing remarks (director SHIN Hyun-suk & Dr. Mushtaq Ahmed MEMON)
Awarding of certificates

16:10 16:20 Break

The 6th UCLG ASPAC congress closing

16:30 17:00 Closing ceremony

17:00 18:00 Coffee break

18:00 19:30 Farewell dinner