

FINAL SUMMARY REPORT

Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region

Seogwipo-si, Jeju-do, Republic of Korea, 18-22 May 2015



"...we must factor disaster risk into our broader discussions of the post-2015 agenda for sustainable development. Disaster risk is also closely tied to climate change."¹

UN Secretary General Ban Ki-moon

I. Background and Rational

Over the past 20 years disasters have affected 4.4 billion people, caused USD 2 trillion of damage and killed 1.3 million people. Natural disasters affected people living in developing countries and the most vulnerable communities within those countries. Over 95 percent of people killed by natural disasters are from developing countries.²

Asia and the Pacific is subject to all major types of natural hazards and dominates disaster impact categories across all regions of the world. Between 1970 and 2012, more than half the world's deaths related to disasters occurred in the Asia Pacific region. An estimated 1.8 million died as a result of natural hazards.³

Urban risk is continually increasing. It has been estimated that, more than 50 per cent of the world's population is living in urban areas. Urbanization is taking place at an unprecedented rate. In the next 20

¹ Remarks to the High-level Briefing to Member States on the Third UN World Conference on Disaster Risk Reduction, UN Headquarters, 16 April 2014

² Extreme Weather and Natural Disasters, 2012

³ <http://www.adb.org/themes/climate-change/disaster-risk-management>

years, the world's population is predicted to increase by an additional two billion. By 2030 more than 60% of the world's population is expected to live in cities, with record concentrations in large urban conglomerations and megacities in the developing world. Vulnerability of cities to disasters is on the rise especially as poor people settle in high-risk urban areas. Unfortunately, planning and development of cities has given little consideration to the consequences of hazards such as earthquakes, hydro-meteorological risks and others. The implication of this reality is the need for countries to focus their collective energies to create a safer world for urban dwellers and develop a series of innovative approaches to meet this challenge.

In this regard, building resilience and adapting to climate change is crucial for cities especially those in the Asia-Pacific region. Efforts to build resilience in cities can benefit from integrating disaster risk reduction and climate change adaptation with existing efforts in disaster risk reduction and other similar planning processes.

This capacity building training workshop, while promoting the importance of effective climate change adaptation and disaster risk reduction, will provide:

- i) an opportunity for local governments and cities in the Asia-Pacific region to enhance capacities in climate change adaptation and disaster risk reduction with a focus on local governments/cities Resilience Action Plans development and implementation.
- ii) a platform to exchange in-depth learning from experts in the related area and to share good practices among participants
- iii) a venue for city-to-city cooperation in building resilience in cities by integrating disaster risk principles into local DRR and CCA plans, programs and initiatives

Venue

CIFAL Jeju/Jeju International Training Center (JITC) in Seogwipo-si, Jeju-do, Republic of Korea (Jeju-do is an island located off the southern coast of Korea)

Organizers

- UNISDR Office for Northeast Asia and Global Education and Training Institute (UNISDR ONEA/GETI) (www.unisdr.org/incheon)
- CIFAL Jeju/JITC (www.cifaljeju.org) in coordination with the United Nations Institute for Training and Research (UNITAR)
- United Cities and Local Governments Asia-Pacific (UCLG-ASPAC) (www.uclg-aspac.com)
- Jeju Special Self-governing Province

Targeted Audience

High-level authorities and experts from local/city governments, and other local actors within the Asia-Pacific region.

A summary of the key training topics presented at the training workshop, and points raised during group exercises and plenary discussions is provided below.



II. Workshop Objected and Expected Outcomes

Objectives:

Overall, the training course will provide an opportunity to disaster prone developing countries to:

- Increase political commitment and social demand for disaster resilient development, adapted for climate change, aiming for sustainable development.
- Increase engagement of national actors in the field of national development and planning with the DRR and CCA Agenda and enhance country planners and decision makers' ability and commitment to promote DRR and CCA through relevant systems, policies and processes.
- Learn about the Making Cities Resilient Global Campaign and how its tools, materials and approaches may be used to build local resilience to disasters.
- Building capacities of experts and officials at local level with a focus on City Resilience Action Plans development and implementation based on MCR Campaign 10 Essentials to make their cities resilient to disasters.

Expected Outcomes

- *Trained cadres of national and city high level city officials*
- *Draft City Resilience Assessment Report*
- *Draft City Resilience Action Plans*
- *Draft Strategy paper on how to further finalize, ensure endorsement and effectively implement the City Resilience Action Plan*



III. Training Course Modules Description and Recourse Persons

The training course was divided in three main sections and 9 modules, as described below (see table 1 for a summary of the modules):

Section 1: Introduction, conceptual framework (Module 1)

Provided review of the conceptual framework and focused on analysing current trends in urban risk and risk reduction

Section 2: Understanding and implementing the MCR tools (Modules 2 to 6)

This is the central part of the course. The different sessions were delivered aiming to improve participant's knowledge and skills to effectively implement MCR campaign tools, in particular the 10 essentials and the MCR Local Government Self-Assessment Tool (LG-SAT) and proposed roadmap with steps and approach to develop draft outline of the Safe and Resilient City Action Plan with its list of objectives, activities and indicators of success to enable the Action Plan effective implementation, monitoring and evaluation.

Section 3: Planning the way forward (Module 7)

- Section 3 Modules provided opportunity to participants to share and analyse city-to-city exchange experiences and looking for the elements that make them successful. The purpose here is to explore options for supporting risk management capacity development at local level. They also facilitated group discussions and planning among participants the strategy on how they will continue the work done at the workshop when they go back to their respective countries and what steps they have to take to finalise the draft Action Plan and ensure its effective implementation.

Table # 1 below summarizes the three main sections and its modules

Section	Modules
Section 1: DRR and CCA Concepts	Module 1: DRR and CCA Concepts and Current Tendencies in Mainstreaming DRR and CCA into Development Policies, Frameworks and Programmes
Section 2: Understanding Adapting and Using the tools to conduct assessment of Disaster Risks and Develop Resilient Countries/Cities Action Plans	Module 2: Getting to know the UNISDR 10 Essentials/Principles for Building National and City Resilience. Case for each of 10 Essentials
	Module 3: Applying the Disaster Resilience Scorecard Tool, to conduct assessment and analysis of DRR at national and local level
	Module 4: Concepts and Case Studies of Mainstreaming DRR and CCA for Sustainable Development Through Sectoral Programmes (i.e. Governance, Financing DRR, Climate Change, Environment, Risk Based Land Use Management & Planning, Critical Infrastructure, Housing, Livelihood Protection, Safe Schools and Hospitals, Early Warning Systems, etc.)
	Module 5: Developing and implementing Safe and Resilient City Action Plan. Proposed Methodology with Steps and the Approach.
Section 3: Planning the way forward	Module 6: Setting Indicators for Resilient City Action Plan Monitoring, Evaluating and Follow up
	Module 7: Building Effective Partnerships at all levels and Developing a Strategy/Roadmap for finalizing, endorsing, linking and effectively implementing National and Cities Resilience Action Plans
	Module 8: Sharing experiences, best practices and models for Country-to-Country and City-to-City Learning, and capacity development models and programs
	Module 9: Scaling up Disaster Risk Assessment and Resilience Action Plans Preparation Process at Regional and Local level.
	Module 10: Ensuring Greater Impact of the Resilience Action Plans, and Facilitating Change Process at National, Regional and Local level

UNISDR ONEA/GETI Workshop Resource Persons:

- a. Mr. Sanjaya BHATIA (Head of the Office UNISDR ONEA-GETI)
- b. Mr. Armen ROSTOMYAN (Programme Officer UNISDR ONEA-GETI)





IV. Methodology and Description of the Workshop Sessions and Modules

The following is a list of achieved outcomes for each Module and Group Works Exercises broken down by 3 days of the workshop. [The workshop Agenda](#), [List of Participants](#) and [Draft Resilient Cities/Countries Action Planes](#) developed and presented by the Country/ region Groups are provided in Appendixes # 1, 2 and 3 of this report. Summary of UNISDR ONEA/GETI Training Course Modules by Days is provided below:

DAY 1

Module 1: Finding a common language and Introduction of trends in urban risk and risk reduction

Achieved Outcomes: During this Module Sessions participants had a chance to

- Improve their understanding of risk assessment and management terminology and concepts
- Improve comprehension of current trends in urban risk
- Identify main factors leading to building disaster risk in urban contexts at the global, regional, national and local level

Summary of the Module Content:

The presentation discusses main urban trends at global level and its interrelation with the observed urban risk tendencies.

What do we need to look for when reviewing trends in disaster risk and risk reduction?

- **The facts:** what do the data and information available can tell us about the global trends on risk (related to natural hazards). Where can we find reliable data and information on disaster risk trends?
- **The conceptual frameworks:** what tools could be used to explain observed tendencies? What are the conceptual frameworks and methodologies used to analyse, diagnose, design and implement action plans to reduce risk?
- **The factors:** how can these observed trends be explained? What are the factors driving the observed tendencies? What can be said regarding global trends in urban risk reduction?



Module 2: Introducing Making Cities Resilient (MCR) Global Campaign and Campaign Tools. MCR Campaign 10 Essentials with Case Studies.

Achieved Outcomes: During this Module Sessions participants had a chance to

- Increase comprehension of the Making Cities Resilient Campaign purpose, resources and tools
- Improve knowledge and comprehension of the 10 essentials and the local HFA
- Understand the requirements to apply MCR 10 essentials

Summary of the Content and Group Discussions:

This module was divided into the following sessions:

- a) General introduction to the Making Cities Resilient Campaign;
- b) Review of the ten-point checklist – Essentials for making cities resilient; and
- c) Review of the Local Government Self-Assessment Tool (LGSAT or Local HFA). The ten essentials and the LGSAT are regarded as the basic Campaign tools. The Mayor’s handbook provides guidelines on the implementation of the 10 essentials.

Module 3: Applying MCR Campaign Tools for Assessment and Diagnosis. Using Local Government Self-Assessment Tool (LG-SAT)

Working Group Discussion/Exercise: *“Using MCR LG-SAT tool to assess risk management situation in own cities”.*

Plenary Discussion: *“Presenting Group Work Outcomes “*

Achieved Outcomes: During this Module Sessions participants had a chance to

- Learn and practice as part of the group exercise the main steps for undertaken a diagnosis and assessment process
- Understand how the MCR tools can contribute to the development of a DRM diagnosis and assessment

Summary of the Content and Group Discussions: In this Module had a chance to discuss:

- Why preparing a diagnosis and assessment of DRM gaps, challenges and opportunities
- The preparation process to undertake the diagnosis and assessment
- The suggested steps to undertake the diagnosis and assessment of the disaster risk management situation at the local level

- The possibilities offered by the Local Government Self-Assessment Tool LGSAT/Local HFA, to identify the city's gaps, challenges and opportunities surrounding disaster risk management.
- The development of the diagnosis and assessment report



DAY 2

Module 4: Development and Implementation of a City Land Use Management Plan; Mainstreaming Climate Change Adaptation and Disaster Reduction into Development and Sectoral Programmes for Socio-Economic Development with Case Studies on Following Sectors: *Climate Change Adaptation (CCA) and Housing, Critical Infrastructure, Governance, Livelihood Protection, Health Sector Rehabilitating Ecosystems, and Financing Disaster Recovery (Parts 1, 2, 3, & 4)*

Plenary Discussion: “Sharing participants experience on Mainstreaming DRR into Land Use Plane and Sectoral Programmes of Housing & Climate Change Adaptation”

Achieved Outcomes: During this Module Sessions participants had a chance to

- Learn more and better understand the process of Mainstreaming Adaptation and Disaster Reduction into Development Sectoral Programmes for Socio-Economic Development with Case Studies and particular focus on following Sectors: *Climate Change Adaptation (CCA) and Housing, Critical Infrastructure, Governance, Livelihood Protection, Health Sector Rehabilitating Ecosystems, and Financing Disaster Recovery*

Summary of the Content and Group Discussions:

- The session provided an opportunity to expose participants to various options to “build back better” after a disaster through a wide array of strategies and actions, which may serve as options for local governments to adopt, if it suits to their respective contexts. The lessons on recovery, as compiled by UNISDR ONEA/GETI from various experiences around the globe, provided an additional input to build on the existing initiatives of the local governments.
- The case studies of this module covered and provided practical information on different sectors of DRR and CCA. Lessons drawn from specific case will be explained by resource persons/consultants via PowerPoint presentations.
- Each case study highlighted a unique practice, designed to entice participants to reflect and analyse whether such practice is applicable to their contexts.



Module 5: Developing and Implementing Safe and Resilient Country/City Action Plan

Working Group Discussion: - Working Group Discussion to develop Draft version of Safe and Resilient Country/City Action Plan (Part 1) and (Part 2)

Plenary Discussion: “Presenting Group Work Outcomes “

Achieved Outcomes: During this Module Sessions participants had a chance to

- Understand how disaster risk reduction can be integrated into land use management planning
 - Identify and describe main components for the preparation of a land use management plan, integrating disaster risk management
 - Define and describe main elements to be considered in the plan’s implementation strategy
- Summary of the Content and Group Discussions:
- Disaster risk reduction is a cross cutting concept; achieving risk reduction objectives should be seen a process with short, medium and long term milestones
 - The disaster risk management plan is realized through actions implemented by the different development programs carried out by national and local governments
 - A key component of the action plan is the definition of qualitative and/or quantitative goal allowing for the monitoring and assessment of progress



Module 6: City Action Plan Monitoring, Evaluation and Follow Up.

Working Group Discussion: *“Developing own Draft Safe and Resilient City Action Plan”.*

Plenary Discussion: *“Presenting Group Work Outcomes “*

Achieved Outcomes: During this Module Sessions participants had a chance to

- Understand the different type of indicators and define their usability in the context of disaster risk reduction
- Describe the steps suggested for the development of a monitoring and evaluation strategy
- Identify and add success indicators to the Action Plan key objectives and activities

Summary of the Content and Group Discussions:

- Indicators are the key components of a monitoring strategy for the resilient city action plan
- The Local HFA can support the monitoring of the resilient city action plan
- A fundamental component of the monitoring strategy is the definition of actors/stakeholders and their roles and responsibilities
- A monitoring and evaluation strategy should include a timeline for its implementation. Indicators should reflect the specific timeline
-



ANNEX # 1: Participants List

Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region, 18-22 May 2015

Surname*	First Name*	Ms/Mr*	Nationality* (11 countries) British ID_Indonesia IN_India KH_Cambodia KI_Kiribati LK_Sri Lanka MN_Monglia NP_Nepal PH_Philippines TL_Timor-Leste KP_Korea	Position/Professional Title*	Organization*	Organizational Affiliation* ACM-Academia GOVN-Government National GOVL-Government Local NGO-NGO OZ-Other	City*
1 SHAW	Jonathan	Mr	British	Executive Director	Asian Institute of Technology	ACM	Pathum Thani
2 FEBIANTO	Mula	Mr	ID	STAFF/GOVERNMENT OFFICER	The Office of Environment of Cimahi City Government	GOVL	Cimahi
3 SARSONO	Rian	Mr	ID	Head of Disaster Mitigation Section	Badan Penanggulangan Bencana Daerah (BPBD) Provinsi DKI Jakarta/ Jakarta Regional Disaster Management Agency	GOVL	Central Jakarta
4 Tri INDRAWAN	Tri	Mr	ID	Regional Head	Department of Prevention and Preparedness of Jakarta Regional Disaster Management Agency	GOVL	Jakarta
5 ALAWIYAH	Tuti	Ms	ID	Chief of Strategic Planning Subdivision	City Planning Board of Palembang City Government (BAPPEDA Kota Palembang)	GOVL	Palembang
6 YUBASRI	Yubasri	Mr	ID	Head of Rehabilitation and Reconstruct	Public Service	GOVL	Banda Aceh
7 PAL	Indrajit	Mr	IN	Assistant Professor	Asian Institute of Technology	ACM	Pathum Thani
8 BARNARSIPASS	Kamlesh	Mrs	IN	Chairperson, Chandigarh Social Welfare Board (CSWB)	Chandigarh Social Welfare Board under M	GOVN	Chandigarh
9 TRIVEDI	Nayneet	Mr	IN	PROGRAM OFFICER	ASSOCIATION OF PROFESSIONAL SOCIAL WORKERS AND DEVELOPMENT PRACTITIONERS, CHANDIGARH, INDIA	OZ	Chandigarh
10 TEP	Ketsiny	Ms	KH	Monitoring and Evaluation Officer	National League of Local councils	GOVN	Phnom Penh Capital
11 TEEM	Tearawa	Mr	KI	Assistant Local Government Officer	Ministry of Internal affairs	GOVN	Bairiki
12 CADER	Mohamed Fazal	Mr	LK	DIRECTOR TRAINING & COORDINATOR OF THE DISASTER MANAGEMENT TEAM	Colombo Municipal council	GOVL	Colombo 07
13 NANZADDORJ	Naldanbold	Mr	MN	Senior Officer, Finance, Logistic & Service Department	National Emergency Management Agency of Mongolia	GOVN	Ulaanbaatar
14 POKHREL	Bishnu	Mr	NP	Assistant Soil Conservation Officer	Department of Soil Conservation and Watershed Management District Soil Conservation Office Kaski Pokhara	GOVN	Pokhara
15 DAHAL	Yubaraj	Mr	NP	Mayor / Executive Officer	Damak Municipality, Damak-Jhapa	GOVL	Damak
16 BISTA	Chandra	Mr	NP	Director/Resercher	Stand Nepal	NGO	Kathmandu
17 DACANAY	Kryzl Joy	MS	PH	Project Development Officer	City Government of Makati	GOVL	Makati
18 TECSON	Pelagio	Mr	PH	Mayor	Tanauan, Leyte Municipality	GOVL	Tanauan, Leyte
19 SOARES	Mario	Mr	TL	District Development Officer	Aileu/ Ministry State Administration	GOVL	Aileu
20 LEE	Eung-Young	Mr	KP	Deputy Director	Ministry of Public Safety and Security	GOVN	Seoul
21 KIM	Hyejin	Ms	KP	Administrative Officer	City of Incheon	GOVL	Incheon

ANNEX # 2: Agenda of the Workshop

Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region

Seogwipo-si, Jeju-do, Republic of Korea, 18-22 May 2015 (Mon-Fri)



Day 01 – Monday, 18 May 2015		
09:00 – 09:20	Registration	
09:20 – 10:30	Opening of the workshop <ul style="list-style-type: none"> • <u>Welcoming remarks</u>: WON Hee-ryong, Governor of Jeju Special Self-Governing Province • <u>Opening remarks</u>: SHIN Hyun-suk, Director of CIFAL Jeju/JITC • <u>Introductory presentation</u> of UNISDR ONEA/GETI and UCLG-ASPAC • <u>Self-introduction of participants</u> • <u>Official photos</u> 	
10:30 – 11:15	[Session 1] Introducing the Concepts and Current Tendencies in Urban Risk and Reduction and “Post 2015 Framework for DRR, its new Priority Areas and focus on role of cities and local governments” <ul style="list-style-type: none"> • <i>Armen ROSTOMYAN, UNISDR ONEA/GETI</i> 	Introduce current tendencies in DRR
11:15 – 11:30	Coffee Break	
11:30 – 12:30	[Session 2] Climate Change Adaptation and Disaster Risk Reduction in Jeju Island <ul style="list-style-type: none"> • <i>JEONG Dai-yeun, Asia Climate Change Education Center</i> 	Introduce local government policy on adapting to climate change and preventing and managing disaster (risk)
12:30 – 13:30	Lunch	
13:30 – 14:30	Visit “ <u>Jusangjeollidae</u> ” (columnar-jointed lava)	
14:30 – 16:00	[Session 3] Introducing Making Cities Resilient (MCR) Global Campaign and MCR Tools <ul style="list-style-type: none"> • <i>Armen ROSTOMYAN, UNISDR ONEA/GETI</i> 	Introduce the Making Cities Resilient: “My City is Getting Ready!” Global Campaign. Adapting and using MCR Global Campaign existing tools to support capacity development needs of national/local governments.
16:00 – 16:15	Coffee Break	
16:15 – 18:00	[Session 4] Applying the MCR Tools for Assessment and Diagnosis. Using LGSAT Tool <ul style="list-style-type: none"> • <i>Armen ROSTOMYAN, UNISDR ONEA/GETI</i> • <u>Group Exercise</u>: “<i>Using Local Governments Self-Assessment Tool (LGSAT) to assess risk management situation in own cities</i>”. 	How MCR Global Campaign Tools, Materials and Checklist of 10 Essentials may be used to build national/local resilience to disasters. Using Local Government Assessment Tool (LG-SAT) for Diagnosis, Assessment and Benchmarking.
18:10 – 19:30	Welcome Dinner	
		ICC Ocean View

Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region

Seogwipo-si, Jeju-do, Republic of Korea, 18-22 May 2015 (Mon-Fri)

Day 02 – Tuesday, 19 May 2015		
09:00 – 09:10	Report of Day 01	
09:10 – 11:45	<p>[Session 5] Mainstreaming DRR and CCA into Development Sectoral Programmes: <u>Governance</u> , <u>Finance</u>, <u>Infrastructure</u>, <u>Climate Change Adaptation</u>, and <u>Health</u>, with Case Studies (Essentials # 1, 2, 3, 4 and 5) (Part 1)</p> <ul style="list-style-type: none"> • <i>Sanjaya BHATIA, UNISDR ONEA/GETI</i> 	<p>Introduce the principles of mainstreaming climate change adaptation and disaster risk reduction into development policies and planning processes</p>
11:45– 12:00	Coffee Break	
12:00 – 13:00	<p>[Session 6] Developing and Implementing of Safe and Resilient City Action Plan (1)</p> <ul style="list-style-type: none"> • <i>Armen ROSTOMYAN, UNISDR ONEA/GETI</i> 	<p>Introduce the principles, approach and methodology for development and effective implementation of the Resilient City Action Plan.</p>
13:00 – 14:00	Lunch	
14:00 – 15:00	<p>[Side session] Korea’s ODA policy towards Southeast Asia: New projects and opportunities</p>	
15:00 – 16:45	<p>[Session 7] Developing and Implementing Safe and Resilient City Action Plan (2)</p> <ul style="list-style-type: none"> • <i>Group Exercise:- to develop Draft version of Safe and Resilient City Action Plan (Essentials 1, 2, 3, 4 and 5 parts of AP only)</i> 	<p>Participants are divided into groups and discuss how they will organise the process and steps you will undertake to develop and implement their resilient city action plan.</p>
16:45– 17:00	Coffee Break	
17:00 – 18:00	<p>[Session 8] Developing and Implementing Safe and Resilient City Action Plan (3)</p> <ul style="list-style-type: none"> • <i>Group Exercise (continued) - to develop Draft version of Safe and Resilient City Action Plan (Essentials 1, 2, 3, 4 and 5 parts of AP only)</i> • <i>Presenting Group Work Outcomes</i> 	<p>Participants are divided into groups and discuss how they will organise the process and steps you will undertake to develop and implement their resilient city action plan.</p>
18:00 –	Transfer to restaurant	

Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region

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Day 03 – Wednesday, 20 May 2015		
09:00 – 09:10	Report of Day 02	
09:10 – 11:30	<p>[Session 9]</p> <p>Mainstreaming DRR and CCA into Development (Sectoral Programmes: <u>Housing & Land Use Planning, Ecosystems & Environment, Livelihoods</u>, with Case Studies (Essentials # 6, 7, 8, 9, 10) (Part 2)</p> <ul style="list-style-type: none"> • <i>Sanjaya BHATIA, UNISDR ONEA/GETI</i> <p><i>Group Exercise</i> - to develop Draft version of Safe and Resilient City Action Plan (Essentials 6, 7, 8, 9 and 10 parts of AP)</p>	<p>Introduce the principles of mainstreaming climate change adaptation and disaster risk reduction into development policies and planning processes.</p>
11:30 – 13:00	<p>[Session 10]</p> <p>Developing and Implementing Safe and Resilient City Action Plan (3)</p> <p><i>Group Exercise (continued)</i> to develop Draft version of Safe and Resilient City Action Plan (Essentials 6, 7, 8, 9 and 10)</p>	
13:00 – 14:10	Lunch	
14:10 – 15:10	Transfer to Pyoseon	
15:10 – 15:40	JEJU FORUM Registration	
15:40 – 17:00	<p>[JF] Session 1</p> <ul style="list-style-type: none"> • Asian Cooperation for Climate Changes Jeju Halla Univ. 	Participants are encouraged to attend any session of interest.
17:20 – 18:40	<p>[JF] Session 2</p> <ul style="list-style-type: none"> • Increasing Developing Countries' Access to Climate Finance Global Green Growth Institute (GGGI) 	
19:00 – 20:20	<p>JEJU FORUM Welcome Dinner Hosted by Korean Minister of Foreign Affairs</p>	Reassemble
20:30 –	Transfer to Hotel	



Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region

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Day 04 – Thursday, 21 May 2015		
09:30 – 09:40	Report of Day 03	
09:40 – 10:40	[Session 11] Essential actions taken after the Great East Japan Earthquake <ul style="list-style-type: none"> • <i>Yuka MAKINO, GFDRR World Bank</i> 	Introduce lessons learned and experience of Japan to recover after Great East Japan Earthquake
10:40 – 11:10	[Session 12] Setting Indicators for City Action Plan Monitoring, Evaluation and Follow Up <ul style="list-style-type: none"> • <i>Armen ROSTOMYAN, UNISDR ONEA/GETI</i> 	Introduce the principles of setting up SMART indicators for City Action Plan Monitoring and Evaluation
11: 10 – 11:30 Coffee Break		
11: 30 – 13:00	[Session 13] Setting Indicators for City Action Plan Monitoring, Evaluation and Follow Up <u>Group Exercise:</u> “Completing the Action Plan’s M & E - Indicators Section, Timetable and Responsible Structures part”	Participants are divided into groups and work together to complete 2 nd part of the Action Plan planned for setting up SMART indicators for City Action Plan Monitoring and Evaluation
13:00 – 14:00 Lunch		
14:00 – 16:00	[Session 14] Setting Indicators for City Action Plan Monitoring, Evaluation and Follow Up <u>Group Exercise:</u> “Completing the Action Plan’s M & E - Indicators Section, Timetable and Responsible Structures part” <ul style="list-style-type: none"> • <u><i>Presenting Group Work Outcomes</i></u> 	Participants are divided into groups and work together to complete 2 nd part of the Action Plan planned for setting up SMART indicators for City Action Plan Monitoring and Evaluation
16:00 – 16:30	Plenary Discussion: “Developing a strategy for further finalisation of the draft Action Plan, ensure its endorsement and effective implementation in participating cities.	Plenary Discussion to brainstorm and set a follow up strategy for finalisation and operationalization of developed draft Action Plans
16:30 – 17:30	[Session 15] Role of Local Governments in Disaster Risks Reduction: Challenges and Opportunities <ul style="list-style-type: none"> • <i>Bernadia Irawati TJANDRADEWI, UCLG-ASPAC</i> 	Introduce UCLG-ASPAC role and methodology for building Capacities of local governments
17:30 – 18:00	Wrap up and Evaluation <ul style="list-style-type: none"> • <i>CIFAL Jeju</i> 	Post Evaluation: Participants complete evaluations
18:00 – Transfer to restaurant		

Participants will

Developing Capacities on Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) in the Asia-Pacific Region

Haevichi Hotel & Resort Jeju, Republic of Korea, 22 May 2015 (Fri)



[Haevichi Hotel & Resort Jeju]		Day 05 – Friday, 22 May 2015
08:00 – 09:00	Transfer to Pyoseon	
09:00 – 10:00	[JF] Special Plenary Session Dialogue on Creative Economy: What is it that leads the World?	
10:10 – 11:30	<p>[Special Session] Lesson learned from natural disaster management in Asia-Pacific region: Role of local government</p> <ul style="list-style-type: none"> ▪ Moderator <ul style="list-style-type: none"> - Sanjaya BHATIA (Head, UNISDR ONEA/GETI) ▪ Presenters <ul style="list-style-type: none"> - Emilia VILLACARILLO (Mayor of Dolores, Eastern Samar, Philippines) - Yubasri YUBASRI (Head of Rehabilitation and Reconstruction Division, Banda Aceh Regional Disaster Mitigation Agency) ▪ Discussants <ul style="list-style-type: none"> - Bernadia Irawati TJANDRADEWI (Secretary General, UCLG-ASPAC) - LEE Gyeong-ho (Safety Coordination and Planning Division, Jeju Special Self-Governing Province) - Yuka MAKINO (Senior Operations Officer, GFDRR, WB) - Graham BREWER (Director, Centre for Interdisciplinary Built Environment Research, University of Newcastle) 	<p>The session will bring together local government officials, experts and other stakeholders in Asia-Pacific region to share best practices learned from the mega disaster management and discuss the role of local governments in making the region resilient to natural disasters.</p> <p style="color: red;">★ This session is the final step of 5-day training workshop. It is mandatory for all participants to attend.</p>
	<p>Closing ceremony of the workshop (11:15 – 11:30)</p> <ul style="list-style-type: none"> • <i>Closing Remarks</i> <i>PARK Jeongha, Vice Governor for Political Affairs, Jeju Special Self-Governing Province</i> • <i>Awarding Certificates</i> 	<p>Wrap-up and closing of the 5-day training</p>
	<p>→ This is a side event of the Jeju Forum co-organized by UNITAR CIFAL Jeju/JITC, UCLG-ASPAC, UNISDR ONEA/GETI, and Jeju Special Self-governing Province.</p>	
11:40 – 13:00	<p>[JF] Session 7</p> <ul style="list-style-type: none"> • Former Foreign Ministers' Meeting: The Way Korea's Diplomacy Is Heading For, Jeju Peace Institute (JPI) • Executive City Dialogue: Building Trust in Local Governments through e-Government, UNPOG / WeGO 	<p>Participants are encouraged to attend any session of interest.</p>
13:00 – 14:20	Luncheon Buffet	Reassemble
14:30 – 18:00	<p>Study Visit: Smart Grid Information Center Site Visit: Seongsan Ilchulbong (Sun-rise Peak)</p>	<p>Visit Smart-grid Test-Bed and tourist attractions of Jeju</p>
18:00 – 18:40	Transfer to Pyoseon	
19:00 – 20:20	JEJU FORUM Farewell Dinner Hosted by Chairman of Jeju Free International City Development Center	
20:20 –	Transfer to hotel	

아태지역 자연재난 사례를 통해 본 지방정부의 역할

Lesson learned from natural disaster in Asia-Pacific region : Role of local government

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UNITAR CIFAL Jeju/JITC, Jeju Special Self-Governing Province, UNISDR ONEA/GETI, UCLG-ASPAC

Category
Sustainability

Date
22 May 2015
Session 6
10:10-11:30

**English-
Korean
Simultaneous
interpretation**

The Asia-Pacific is the most natural disaster-prone area and accounts over 40% of the world's natural disasters occurred in the region over the past two decades. According to geoscience experts, it is inevitable that the region will see one or more climate-related 'megadisasters', seriously affecting millions of people in 21st century. Unfortunately, planning and development of cities and local government has given little consideration to the consequences of natural hazards, which are at the forefront of disaster. This session will bring together local government officials, experts and other stakeholders in Asia-Pacific region to share best practices learned from the megadisaster management and discuss the role of local governments in making the region resilient to natural disasters.

아시아-태평양 지역은 자연재해에 가장 취약한 지역으로 최근 20년간 전 세계 자연재해의 40%가 발생한 지역입니다. 전문가들은 향후에도 수백만 명에게 피해를 줄 만한 심각한 자연재해 발생이 불가피하다고 전망하고 있습니다. 그럼에도 불구하고 도시 및 지방정부 발전계획에 재난재해 예방대책에 대한 관심은 매우 적은 것이 현실입니다. 본 세션은 아태지역 지방정부 공무원과 전문가분들을 한 자리에 모아 모범적인 사례를 공유하고 자연재해에 강한 아태지역을 만들기 위한 지방정부의 역할에 대해 심도 있게 논의하고자 합니다.

- **사회자/Moderator (5min)** 10:10 – 11:15 (65min)
 - Sanjaya BHATIA (Head, UNISDR ONEA/GETI)
 산자야 바티야 (소장, 국제재해경감전략기구 동북아 사무소)
- **발표자/Presenter (15min)**
 - Pelagio R. TECSON Jr. (Mayor of Tanauan, Leyte, Philippines)
 펠라지오 탁슨 (타나우안-레이테 시장, 필리핀)
 - Yubasri, YUBASRI (Head of Rehabilitation and Reconstruction Division, Banda Aceh Regional Disaster Mitigation Agency)
 유바스리 유바스리 (복구·재건부 부장, 반다아체 재해경감청)
- **토론자/Discussant (20min)**
 - Bernadia I TJANDRADEWI (Secretary General, UCLG-ASPAC)
 베르나디아 탄트라데위 (사무총장, 세계지방정부연합 아태지부)
 - Gyeong-ho LEE, (Safety Coordination and Planning Division, Jeju Special Self-Governing Province)
 이경호 (제주도청 안전총괄기획관)
 - Yuka MAKINO (Senior Operations Officer, GFDRR World Bank)
 유카 마키노 (상임운영담당관, 세계은행 재해저감복구 국제본부)
- **Q&A (20min)**
- **Moderator (5min)**
 Rapporteur: Jae Hyeok SHIN (Professor, Korea University) 신재혁 (고려대학교 교수)
- **Workshop Closing Ceremony** 11:15 – 11:30 (15min)
 • Closing remarks by PARK Jeongha, Vice Governor for Political Affairs of Jeju Special Self-Governing Province
 • Awarding Certificates (only 3 representatives)



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Event Starting Time		Friday 22 May 2015 at 10:10-11:30 am
Event title		Role of Local Government in Implementing the Post-2015 Framework for Disaster Risk Reduction
Event abstract		<p>Urban risk is continually increasing. It has been estimated that, more than 50 per cent of the world's population is living in urban areas. Urbanization is taking place at an unprecedented rate. In the next 20 years, the world's population is predicted to increase by an additional two billion. By 2030 more than 60% of the world's population is expected to live in cities, with record concentrations in large urban conglomerations and megacities in the developing world. Vulnerability of cities to disasters is on the rise especially as poor people settle in high-risk urban areas. Unfortunately, planning and development of cities has given little consideration to the consequences of hazards such as earthquakes, hydro-meteorological risks and others. The implication of this reality is the need for countries to focus their collective energies to create a safer world for urban dwellers and develop a series of innovative approaches to meet this challenge.</p> <p>The Third UN World Conference on Disaster Risk Reduction was held from 14 to 18 March 2015 in Sendai City, Miyagi Prefecture, Japan. The WCDRR focused building the resilience of nations and communities to disasters. It resulted in adopting a new post-2015 framework for disaster risk reduction that among other key priority areas particularly emphasized the need of more proactive role cities and local governments should play in effective implementation of the new framework and making their cities resilient from disasters.</p> <p>In this regard, building resilience and adapting to climate change is crucial for cities and local government. Efforts to build resilience in cities can benefit from integrating disaster risk reduction and climate change adaptation with existing efforts in disaster risk reduction and other similar planning processes.</p>
Event Session Plan		<p>Speakers:</p> <ul style="list-style-type: none"> - Presentation: "Post 2015 Framework for DRR, its new Priority Areas and focus on cities and local governments" by Dr. Sanjaya BHATIA (<i>Head of UNISDR ONE-GETI</i>) (15 min) - Presentation: "Role of CIFAL-JEU Center in Building Capacities of Cities and LG's for Developing Cities Resilience Action Plans" by Mr. SHIN, Hyun-suk (<i>Director, UNITAR CIFAL-Jeju</i>) (15 min) - Presentation: "Role of Cities and Local Government Associations in Building Capacities for effective Implementation of new Post 2015 Framework for DRR" by Bernadia I. TJANDRADEWI (<i>Executive Director of UCLG-ASPAC</i>) (15 min) - Panel Discussions and Q & A Session (15 min) - OFFICIAL WORKSHOP CLOSING CEREMONY by Governor Won Heeryong (20 min)
10:10 - 11:30am		