



CONCEPT NOTE

Online Workshop on Risk-informed Governance, Climate Action and Finance Mechanisms for Local Resilience

*Week One: 5 July (Tuesday), 7 July (Thursday)
Week Two: 12 July (Tuesday), 14 July (Thursday)
14:00-17:30 (Seoul Time)*

*Application form
<https://bit.ly/3vD6ATd>*

Organized by

United Nations Department of Economic and Social Affairs (UN DESA), through the Division for Public Institutions and Digital Government (DPIDG) and its project office - United Nations Project Office on Governance (UNPOG), United Nations Institute for Training and Research (UNITAR) CIFAL Jeju/Jeju International Training Center (JITC) and the UN Office for Disaster Risk Reduction (UNDRR) Global Education and Training Institute (GETI) in collaboration with Incheon Metropolitan City and the Ministry of the Interior and Safety (MOIS) of the Republic of Korea, and Making Cities Resilient 2030 (MCR2030)



I. Background

“We are at an inflection point in history. The COVID-19 pandemic has served as a wake-up call and with the climate crisis now looming, the world is experiencing its biggest shared test since the Second World War. Humanity faces a stark and urgent choice: breakdown or breakthrough. The disastrous effects of a changing climate – famine, floods, fires and extreme heat – threaten our very existence”

United Nations Secretary-General Antonio Guterres¹

The [2030 Agenda for Sustainable Development](#) places great importance on disaster risk reduction (DRR) as a cross-cutting element in the achievement of the Sustainable Development Goals (SDGs). The 2030 Agenda proposes concrete commitments to reduce risk, vulnerability, build capacity and promote resilience to disasters.² Reducing disaster risk and building resilience are interrelated thrusts of the 2030 Agenda for Sustainable Development and the [Sendai Framework for Disaster Risk Reduction 2015-2030](#).³ The Sendai Framework calls on governments to move towards risk-informed governance arrangements that include broader hazard and risk scope and incorporate the concept of systemic risk. Priority 2 of the Sendai Framework expressly calls for strengthening disaster risk governance to manage disaster risk.

The [Intergovernmental Panel on Climate Change](#) (IPCC) in its report of August 2021 issued [a code red for humanity](#). The UN Secretary-General António Guterres emphasized that the window of opportunity to prevent the worst climate impacts is rapidly closing as no region is immune to the impending disaster. As the COVID-19 pandemic continues to cause immense suffering, it is also undermining governments’ ability to respond to climate change, disaster risk and resilience.⁴ The impact of the COVID-19 pandemic has underscored the importance of strategic planning and foresight, an organized, systematic way of looking beyond the expected to engage with uncertainty and complexity. The COVID-19 pandemic has also brought renewed attention to the importance of strengthening multi-hazard DRR and risk governance to build a safer and more resilient world.⁵

Climate change is a defining challenge of the 21st century, and it is both compounding existing threats to sustainable development as well as creating new obstacles. Climate change is undermining or, in some cases, reversing the effectiveness and sustainability of development interventions. Heatwaves, heavy precipitation, droughts, tropical cyclones, sea-level rise and ocean warming, and acidification are all phenomena that can undermine countries’ ability to achieve the objectives of the 2030 Agenda for Sustainable Development. Effectively integrating Climate Action and DRR into National/Sustainable Development Plans requires enabling policies, guidelines, legal frameworks, capacities and investments at the national and sub-national levels.

According to the Asia and the Pacific SDG Progress Report 2022,⁶ the Asia-Pacific region needs to accelerate its progress on all 17 SDGs. As per the current path, progress towards the SDGs in the Asia-Pacific region has slowed as the COVID-19 pandemic and climate change have exacerbated development challenges. The region is not on track to achieve any of the 17 SDGs. In this regard, building resilience and adapting to climate change, and adequately integrating innovative

¹ United Nations (2021). *Our Common Agenda – Report of the Secretary-General Source of Our Common Agenda*

² Bello, O., Bustamante, A., & Pizarro, P. (2021). *Planning for disaster risk reduction within the framework of the 2030 Agenda for Sustainable Development*. - https://repositorio.cepal.org/bitstream/handle/11362/46639/1/S2000452_en.pdf

³ <https://www.undrr.org/implementing-sendai-framework/what-sendai-framework>

⁴ United Nations Climate Change - <https://unfccc.int/news/statement-by-antonio-guterres-at-security-council-debate-on-climate-and-security>

⁵ UNDRR (2020). *UN Secretary-General, Antonio Guterres’ Statement to mark the International Day for Disaster Risk Reduction*- <https://www.undrr.org/news/bad-situations-only-get-worse-without-good-disaster-risk-governance-says-un-secretary-general>

⁶ UN ESCAP (2022). *Asia and the Pacific SDG Progress Report 2022*. United Nations Publication.

https://www.unescap.org/sites/default/d8files/knowledge-products/ESCAP-2022-FG_SDG-Progress-Report.pdf

financing mechanisms and strategies for the SDGs implementation is particularly crucial, especially for local authorities in Asia and the Pacific region.

This training will first take stock of mechanisms to enhance the scale of disaster risk reduction finance by the public and private sectors along with approaches to disaster risk reduction finance. The training will then provide concepts, tools and approaches for implementing the 2030 Agenda and the Sendai Framework for Disaster Risk Reduction 2015-2030 at the local level, as well as the introduction of the Toolkit⁷ on *Risk-informed Governance and Innovative Technology for Disaster Risk Reduction and Resilience*, which is part of UN DESA's Curriculum on Governance for SDGs, and provide specific guidance on leveraging data and digital government for disaster risk reduction and resilience. The training will also be an opportunity to learn about the global initiative on **Making Cities Resilient (MCR2030)** launched in 2020 to ensure cities become inclusive, safe, resilient and sustainable by 2030, contributing directly to the achievement of Sustainable Development Goal 11 (SDG11) and other global frameworks including the Sendai Framework for Disaster Risk Reduction, the Paris Agreement and the New Urban Agenda.

II. Workshop Objectives

The capacity building training workshop, while promoting risk-informed governance, will:

1. Support the localization and implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030;
2. Introduce the Toolkit on Risk-Informed Governance and Innovative Technology for DRR and Resilience and specifically provide guidance on leveraging data and digital government for DRR and resilience;
3. Improve understanding of the 11 principles of governance for the SDGs for building local resilience;
4. Examine the innovative finance mechanisms to implement the SDGs
5. Explore the diagnosis tool for assessing resilience progress and preparing an evidence-based risk reduction and resilience planning
6. Get familiar with Making Cities Resilient 2030 (MCR2030) and additional resources to enhance local resilience

III. Expected Outcomes

By the end of the training workshop, participants would have:

- a) Understood the global framework for disaster risk reduction, climate change adaptation and innovative finance mechanism in the context of the Sustainable Development Goals;
- b) Increased their understanding and strengthened their capacities on Governance Innovation and Leveraging Risk-informed Governance for DRR and Resilience;
- c) Improved their understanding of the 11 principles of governance for the SDGs for building local resilience;
- d) Experience in using the Disaster Resilience Scorecard for Cities to assess their city resilience progress for the development of an evidence- and needs-based action plan.
- e) Enhanced their understanding on MCR2030, resilience roadmap, and how to join this global initiative and access useful tools and resources to enhance local resilience;

⁷ DRR Toolkit (2021). https://drive.google.com/drive/folders/1W_1emCckz-3FR0noZ1OzsHt6VxFC2LA2



IV. Structure and Methodology

The training will comprise of lectures and thematic presentations by experts, case study presentations, interactive Q&A discussion, self-assessment exercises and group work, developing action plan. Session-based group work will enable participants to transform in-depth learning into practice and familiarize with coordinated action for decision making. The workshop is composed of four Sessions and the thematic focus of each session will include:

Session 1: Innovative Finance Mechanisms for Local Resilience to Disasters

Making communities resilient to disasters, particularly climate-related ones, is more critical than ever. Climate change combined with global population growth, urban sprawl, ecological disruption caused by mankind is creating the unprecedented level of climate risks. Climate-related disasters have increased in terms of frequency and severity, which gives rise to the surge in economic and human losses especially for low-income and small island countries. As one of the pathways to assisting these countries cope with disasters, there is an increasing consensus that the least-developed countries need to find out innovative ways to finance disaster preparedness, response, recovery, and building back better. Over the past two decades, governments and the development and international community have introduced important tools, approaches, and programs in disaster risk finance to build resilience both before and after disasters strike. Considering the urgency and the extent of the challenges developing countries face, demand for scaling up disaster risk finance is quite critical and intense.

The session will explore approaches and types of disaster risk reduction finance along with the business case for advancing the finance mechanism. The session will also examine some key questions that can provide insight on the disaster risk pools and the larger context of disaster risk finance: to what extent are countries utilizing different disaster risk finance instruments to cope with the varying layers of risk, and to what extent are financial tools such as national disaster funds, credit lines, and insurance products supporting the efforts to protect vulnerable people, particularly in countries vulnerable to climate risks where resources are not sufficient.

Session 2: Risk-informed Governance for Disaster Risk Reduction and Resilience

Risk-informed governance, digital government and innovative frontier technologies presents rapidly evolving prospects for building resilience across developed and developing countries. Digital technologies and effective public governance have the potential for strengthening resilience and reducing vulnerability. Governments are increasingly leveraging frontier technologies to ensure resilience and reduce disaster and climate risks. Digital government tools and particularly open data and big data analytics, can enable governments to effectively anticipate, prepare, and respond to risks and disasters. Innovative technologies have become more significant in building resilient societies especially for those countries in special situation to help build back-better in times of disasters.

This session will focus on providing the fundamental knowledge on disaster risk reduction and its linkage with sustainable development. The session will highlight and share insights on the significant role of risk-informed governance and innovative technology for DRR and resilience. The session will also delve into leveraging digital government solutions for DRR and building resilience using the training toolkit on Risk-informed Governance and Innovative Technology for Disaster Risk Reduction and Resilience, which is part of UN DESA's Curriculum on Governance for SDGs.

Session 3: Promoting Climate Action for Achieving the 2030 Agenda for Sustainable Development

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 and local governments to disasters is on the rise especially as poor people settle in high-risk areas. Often, 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. Efforts to build resilience in cities and local governments can benefit from integrating disaster risk reduction and climate change adaptation with existing efforts in disaster risk reduction and sustainable development.

This session will familiarize participants with the Disaster Resilience Scorecard for Cities - a tool that cities can use to create a baseline understanding of their resilience progress, identify gaps and needs and identify actions to enhance the level of disaster and climate resilience. The session will include a short presentation on the tool, a hands-on exercise for participants to practice using the tool, and sharing the experience of other local governments around the globe that have used the tools in identifying actions and taking the systematic approach to reducing disaster and climate risks. Participants will get an opportunity to share their experiences and cases during the group discussion.

Session 4: Making Cities Resilient 2030 (MCR2030) and Action Planning for Accelerating Progress on the SDGs

The session will consist of further knowledge sharing by the Making Cities Resilient 2030 (MCR2030) initiative and a guest speaker, followed by action plan sharing among fellow participants. Through a series of collaborative works to come up with an action plan based on the knowledge gained from lectures and group activities, the participants will be able to enhance their understanding on risk-informed and ICT-based governance for DRR and resilience, as well as the MCR2030's resilience roadmap framework and its network of partners for the implementation of the SDGs.

V. Lead Coordinating Institutions for the Thematic Sessions

For the effective and efficient coordination of the workshop, each of the thematic sessions will be led and coordinated by one partner organization with support from the others. The responsible roles are as follows:

- ✓ ***Opening and Closing Sessions*** will be jointly led and managed by the three organizations, thus, UN DESA/DPIDG/UNPOG, UNITAR CIFAL Jeju and UNDRR ONEA & GETI.
- ✓ ***Session 1 on Innovative Finance Mechanisms for Local Resilience to Disasters*** will be led and organized by UNITAR CIFAL Jeju with support from UN DESA/DPIDG/UNPOG and UNDRR ONEA & GETI in managing the session.
- ✓ ***Session 2 on Risk-informed Governance for Disaster Risk Reduction and Resilience*** will be led and organized by UN DESA/DPIDG/UNPOG with support from UNITAR CIFAL Jeju and UNDRR ONEA & GETI in managing the session.



- ✓ **Session 3 on Promoting Climate Action for Achieving the 2030 Agenda for Sustainable Development** will be led and organized by UNDRR ONEA & GETI with support from UN DESA/DPIDG/UNPOG and UNITAR CIFAL Jeju in managing the session.
- ✓ **Session 4 on Making Cities Resilient 2030 (MCR2030) and Action Planning for Accelerating Progress on the SDGs** will be jointly led and organized by all three organizations on the last day of the workshop

VI. Target Audience

This training is open to local government officials including SDG, Sendai Framework, climate and urban development focal points and other stakeholders from national government, civil society and institutions in Asia-Pacific interested in or supporting disaster risk management, climate change adaptation, building resilience, innovative finance mechanism for climate action and sustainable development.

VII. Certificate

UN DESA/UNPOG, UNITAR CIFAL Jeju/JITC, and UNDRR ONEA & GETI will issue a joint certificate to participants upon successful completion and meeting the requirements* of the training.

*Requirements:

- Attend and actively participate in at least three out of the four sessions

VIII. Application and Deadline

Interested participants are required to complete the registration form by **28 June 2022** at <https://bit.ly/3vD6ATd>

IX. Agenda of the Workshop

DRAFT AGENDA

Time	Day 1: Tuesday, 5 July, 2022
14:00-17:00	<p>Opening Session (15 mins)</p> <p>Moderator:</p> <ul style="list-style-type: none"> • Ms. Ana Thorlund, Governance and Public Administration Expert, UNPOG/DPIDG/UN DESA, Incheon, Republic of Korea
14:00-15:00	<p>Welcoming Remarks</p> <ul style="list-style-type: none"> • Mr. Hong-Ghi Choi, Director, UNITAR CIFAL Jeju/JITC, Jeju, Republic of Korea <p>Introductory Remarks</p> <ul style="list-style-type: none"> • Mr. Bokyun Shim, Head of UN Project Office on Governance, DPIDG/UN DESA, Incheon, Republic of Korea • Mr. Sanjaya Bhatia, Head of Office, UN Office for Disaster Risk Reduction (UNDRR ONEA & GETI), Incheon, Republic of Korea
	<p>Moderator:</p>

	<ul style="list-style-type: none"> • Ms. Sunhee Cho, Program Officer, UNITAR CIFAL Jeju/JITC, Jeju, Republic of Korea <p>Orientation – Overview of the Training Workshop (30 mins)</p> <ul style="list-style-type: none"> • Overview of the Workshop • Overview on the course quizzes • Sharing Expectations by Participants <p>Overview Presentation and Setting the Scene (15 mins)</p> <ul style="list-style-type: none"> • Mr. Sanjaya Bhatia, Head of Office, UN Office for Disaster Risk Reduction (UNDRR ONEA & GETI)
	Photo Session
	Session 1 – Innovative Finance Mechanisms for Local Resilience to Disasters
	<p>Moderator</p> <ul style="list-style-type: none"> • Ms. Sunhee Cho, Program Officer, UNITAR CIFAL Jeju/JITC, Jeju, Republic of Korea
15:00-15:50	<p>Current Disaster Risk Finance Architecture: Approaches and Instruments for financing Disaster Risk Reduction with cases in practice</p> <ul style="list-style-type: none"> • Mr. Joseph Intsiful, Senior Climate Information and Early Warning Systems Specialist, Green Climate Fund
15:50-16:05	BREAK
16:05-16:55	<p>Disaster Risk Finance in the Context of Public Sector, Private and International Development Actors: Best Practices and Lessons Learned</p> <ul style="list-style-type: none"> • Ms. Sumati Rajput, Financial Sector Specialist/Global Risk Financing Facility, World Bank
16:55-17:00	<p>Preview on the Day 2 Session (to be introduced by UNPOG/UN DESA) Wrap-up and Closing for Day 1</p>
14:00-17:30	<p>Day 2: Thursday, 7 July, 2022 Session 2 – Risk-informed Governance for Disaster Risk Reduction and Resilience</p>
	<p>Moderator</p> <ul style="list-style-type: none"> • Mr. Samuel Danaa, Associate Capacity Development Expert, UN Project Office on Governance, DPIDG/UN DESA
14:00-14:55	<p>Overview Presentation on Risk-informed Governance for DRR and Building Resilience</p> <ul style="list-style-type: none"> • Mr. Samuel Danaa, Associate Capacity Development Expert, UN Project Office on Governance, DPIDG/UN DESA • Video on Curriculum on Governance for the SDGs (5 mins)

<p>14:55-15:45</p>	<p>Leveraging Innovative Technologies for Accelerating Progress on the 2030 Agenda for Sustainable Development</p> <ul style="list-style-type: none"> • Mr. Joel Myhre, Senior Disaster Management Specialist, Pacific Disaster Center & Co-Chair of the IMWG GIS Sub-group • Ms. Ana Cristina Thorlund, Governance and Public Administration Expert, UN Project Office on Governance, DPIDG/UN DESA • Video on the Risk-informed Governance and Innovative Tecnologies for DRR Training Toolkit (2 mins)
	<p>Q&A Session</p>
<p>15:45-15:55</p>	<p>BREAK</p>
<p>15:55-16:40</p>	<p>Innovative Case Pesentation on Leveraging Innovative Technologies and ICTs for DRR and Resilience in Asia and the Pacific.</p> <ul style="list-style-type: none"> • Mr. Victor Guzun, Digital Transformation Expert, IPRE (Institute for European Policies and Reforms), former Ambassador of Moldova to Estonia
<p>16:40-17:25</p>	<p>Exercises: Strengthening Risk-informed Governance and Innovative Technologies for Reducing Disaster Risks and Building Resilience (<i>Disaster Trends, Strategies/Mechanisms, Challenges, Opportunities and Way Forward</i>)</p> <ul style="list-style-type: none"> • Participants Quizes and Exercises • Participants Feedback: Interactive Discussion Session and Exchange of Ideas, and Experiences
<p>17:25-17:30</p>	<p>Preview of Day 3 Session (to be introduced by UNDRR) Wrap-up and Closing for Day 2</p>
<p>14:00-17:30</p>	<p>Day 3: Tuesday, 12 July, 2022 Session 3 – Promoting Climate Action for Achieving the 2030 Agenda for Sustainable Development</p>
	<p>Moderator</p> <ul style="list-style-type: none"> • Ms. Daria Mokhnacheva, Programme Management Officer (UNDRR ONEA & GETI), Incheon, Republic of Korea
<p>14:00-15:15</p>	<p>Understanding Risk, Urban Resilience, and the Ten Essentials for Making Cities Resilient with Case Examples</p> <ul style="list-style-type: none"> • Mr. Sanjaya Bhatia, Head of Office, UN Office for Disaster Risk Reduction (UNDRR ONEA & GETI), Incheon, Republic of Korea
<p>15:15-15:30</p>	<p>BREAK</p>
<p>15:30-17:25</p>	<p>Disaster Resilience Scorecard for Cities - A tool for disaster resilience planning.</p> <p>Exercise: Using Disaster Resilience Scorecard for Cities to create an evidence and needs-based action plan to reduce disaster and climate risks</p> <p>Case Examples from Other Cities</p> <p>Quiz</p>

	<ul style="list-style-type: none"> • Ms. Mutarika Pruksapong, Programme Management Officer (UNDRR ONEA & GETI)
17:25-17:30	<p align="center">Preview of Day 4 Session (to be introduced by Organizers) Wrap-up and Closing for Day 3</p>
14:00-17:00	<p align="center">Day 4: Thursday, 14 July, 2022 Session 4 – Making Cities Resilient 2030 (MCR2030) and Action Planning for Accelerating Progress on the SDGs</p>
14:00-15:00	<p>Moderator</p> <ul style="list-style-type: none"> • Ms. Sunhee Cho, Program Officer, UNITAR CIFAL Jeju/JITC, Jeju, Republic of Korea
	<p>Presentation: Making Cities Resilient 2030 (MCR2030) - accessing network of partners and useful tools to accelerate local resilience</p> <ul style="list-style-type: none"> • Ms. Mutarika Pruksapong, Programme Management Officer (UNDRR ONEA & GETI)
15:00-15:30	<p>Guest Presentation</p> <ul style="list-style-type: none"> • Mr. Alexander A. Mejia, Director, Division for People and Social Inclusion, Head, CIFAL Global Network
15:30-15:40	BREAK
15:40-16:40	<p>Quizes and Exercises for Participants Assessment</p> <ul style="list-style-type: none"> • Mr. Samuel Danaa, Associate Capacity Development Expert, UN Project Office on Governance, DPIDG/UN DESA
	<p>Feedback Session</p>
16:40-16:45	<p>Closing Remarks</p> <ul style="list-style-type: none"> • Mr. Bokyun Shim, Head of UN Project Office on Governance, DPIDG/UN DESA, Incheon, Republic of Korea (<i>3 mins</i>)
16:45-17:00	Evaluation, Wrap up & Closing of Workshop

IX. Contacts

UN DESA/DPIDG/UNPOG

Mr. Bokyun Shim

Head, UN Project Office on Governance (UNPOG)

DPIDG/UN DESA

E-mail: bokyun.shim@un.org

Ms. Ana Cristina Thorlund

Governance and Public Administration Expert

UNPOG/DPIDG/UN DESA

E-mail: thorlund@un.org



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**Making
Cities
Resilient**

Mr. Samuel Danaa
Associate Capacity Development Expert
UNPOG/DPIDG/UN DESA
E-mail: samuel.danaa@un.org

UNITAR CIFAL Jeju

Amb. Hong-ghi Choi
Director
UNITAR CIFAL Jeju
E-mail: hgchoi.jitc@cifaljeju.org

Ms. Sunhee Cho
Program Officer
UNITAR CIFAL Jeju/JITC
E-mail: shcho.jitc@cifaljeju.org / cifaljeju.jitc.1@gmail.com

UNDRR ONEA & GETI

Mr. Sanjaya Bhatia
Head
UNDRR ONEA & GETI
E-mail: hatia1@un.org

Ms. Mutarika Pruksapong
Programme Management Officer
UNDRR ONEA & GETI
E-mail: mutarika.pruksapong@un.org