

Launch of the UN DESA/DPIDG/UNPOG and UNDRR eLearning Course on Risk-informed Governance and Innovative Technology for Disaster Risk Reduction and Resilience

Webinar Concept Note

8 November 2023

08:00 Geneva | 13:00 Bangkok | 15:00 Incheon

Registration: <https://t.ly/vXIK>

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) and

United Nations Office for Disaster Risk Reduction (UNDRR) Office for Northeast Asia (ONEA) and Global Education and Training Institute (GETI)

1. Event Description

This webinar will introduce the newly launched eLearning course for the UN DESA/DPIDG/UNPOG and UNDRR Toolkit on “Risk-informed Governance and Innovative Technology for Disaster Risk Reduction and Resilience” (Toolkit) of the [UN DESA Curriculum on Governance for the SDGs](#).

2. Context

The Toolkit, developed in 2021, seeks to build national capacities to spearhead innovations and utilize Information and Communications Technologies (ICTs) and key frontier technologies in government in order to drive DRR and resilience. Special emphasis is given to public service innovations that serve the needs of countries in special situations, including methods for adapting and scaling them to align them with the national context. The materials presented and the exercises including in the course aim at exploring the mechanisms for access, adoption, uptake, finance, and maintenance of emerging technology in practical formats that seek to advance public sector capacities for risk-informed policymaking and resilience.

In 2023, the toolkit has been converted into a self-paced eLearning course available to all interested policymakers, practitioners and interested stakeholders for free on the [UN DESA Digital Learning Centre](#) and the [UNSSC Blue Line platform](#). The eLearning course offers accessibility features.

The eLearning course includes the following units:

Unit 1: Course Introduction

- 1.1 Risk-informed Governance for Disaster Risk Reduction and Resilience

Unit 2: Science, Technology, and Government Innovation in Public Governance for DRR and Resilience

- 2.1 Science, Technology, and Innovation for Risk-informed Governance
- 2.2 Global, Regional, and National Efforts to Advance Innovative Technology Use in DRR and Resilience
- 2.3 Risk-informed Governance and Innovative Technology for Public Health Emergencies

Unit 3: Practical and Planned Application of Emerging Technology and Government Innovation

- 3.1 Connecting People, Things, and Technology
- 3.2 Improving Data Analysis and the Presentation of Information
- 3.3 Extending Our Reach and Expanding Our Capabilities
- 3.4 Changing How We Make and Acquire Things

Unit 4: Implementation of Emerging Technologies and Government Innovation for DRR and Resilience

- 4.1 Humans as a Resource
- 4.2 Building Capacities for Emerging Technologies
- 4.3 Technology Gaps and Challenges to Implementing Innovative Technologies for DRR and Resilience

Unit 5: Reflecting On and Planning for Monitoring and Evaluation

- 5.1 Measuring Progress: Monitoring and Evaluation of Implementation Efforts

Unit 6: Application of Technology for Reducing Disaster Risks

6.1 Case Studies from China, Japan, and the Republic of Korea

6.2 Cases from Fiji, Malawi, Samoa, and USA

3. Objective

This webinar aims to introduce the content, purpose, and accessibility features of the eLearning course on “Risk-informed Governance and Innovative Technology for Disaster Risk Reduction and Resilience”, which is designed to enhance public sector capacities for risk-informed policymaking and resilience through the exploration of mechanisms related to emerging technology adoption and utilization.

4. Target Audience

The primary audience of the Webinar are national government agencies, local government authorities, development partners, the private sector, and academia and students.

5. Expected Outcomes

- The participants of the webinar will become familiar with the eLearning course content, registration process, and certification details.
- Generate greater engagement and understanding on Risk-informed governance, innovative solutions for DRR and Resilience.
- Raise awareness of DRR and Sustainable Developments concepts and uses in public institutions.

6. Agenda

Time KST	Agenda
15:00 - 15:05 (5 mins)	Opening Session Moderator: Mr. Samuel Danaa , Associate Capacity Development Expert, UNPOG/DPIDG/UN DESA (1 min) Welcome Remarks (3 mins) <ul style="list-style-type: none">• Ms. Mami Mizutori, Special Representative of the United Nations Secretary-General for Disaster Risk Reduction (video recording) Group Photo (1 min)
15:06 - 15:11 (5 mins)	Introduction to the eLearning Course on Risk-informed Governance and Innovative Technology for Disaster Risk Reduction and Resilience <ul style="list-style-type: none">• Ms. Ana Thorlund, Governance and Public Administration Expert, UNPOG/DPIDG/UN DESA <i>Guiding Question: What are the objectives of the new eLearning course, and what topics does it cover?</i>

Time KST	Agenda
15:12 - 15:17 (5 mins)	Good Practices in Innovation and Frontier Technologies for DRR <ul style="list-style-type: none"> • Mr. Sanjaya Bhatia, Head of Office, UNDRR <i>Guiding question: How can innovative technologies support risk-informed governance? What are some examples of technology application for disaster risk reduction?</i>
15:18 - 15:31 (13 mins)	Earth Systems Science, Technology, and Governance Frameworks for Disaster Risk Reduction (DRR) and Sustainability <ul style="list-style-type: none"> • Mr. David Green, NASA Earth Science Strategist for Integrated Earth System Science Network Advocacy for Geospatial Intelligence Weather Water and Climate - Expert in Disaster Risk Reduction and Wildfire Management (video recording) (tbc) <i>Guiding question: What are some examples of technology application for disaster risk reduction in earth systems science?</i>
15:32 - 15:40 (8 mins)	Recent Developments in Emerging Technologies for Disaster Risk Reduction in China <ul style="list-style-type: none"> • Professor Saini Yang, Director, International Centre for Collaborative Research on Disaster Risk Reduction, Beijing Normal University <i>Guiding question: What are some examples of technology application for disaster risk reduction in China?</i>
15:41 - 15:45 (4 mins)	Introducing UN DESA Digital Learning Centre and Course Registration <ul style="list-style-type: none"> • Ms. Nina Brandt, Senior Programme Management Officer, UN DESA • Ms. Hye Yong (Hailey) Kim, Associate Research and Policy Analysis Expert, UNPOG/DPIDG/UN DESA <i>Guiding Question: Who can access the course and how to join and navigate it?</i>
15:46 - 15:56 (10 mins)	Moderated Q&A
15:57 - 16:00 (3 mins)	Closing Remarks <ul style="list-style-type: none"> • Ana Thorlund, Governance and Public Administration Expert, UN DESA/DPIDG/UNPOG

7. About the Organizers

UN DESA/DPIDG/UNPOG

- The United Nations Project Office on Governance (UNPOG) is part of the Division for Public Institutions and Digital Government (DPIDG) of the United Nations Department of Economic and Social Affairs (UN DESA). Its principal mission is to strengthen the public governance capacities of developing Member States in Asia and the Pacific and beyond to achieve the 2030 Agenda for Sustainable Development.

UNPOG was established in June 2006 to promote efficient, participatory and transparent governance as an outcome of the 6th Global Forum on Reinventing Government. In response to the 2030 Agenda for Sustainable Development, the mandate of UNPOG has been extended to the end of 2030.

For more information: http://www.unpog.org/page/sub2_1.asp

UNDRR ONEA & GETI

- The United Nations Office for Disaster Risk Reduction Office for Northeast Asia and Global Education and Training Institute (UNDRR ONEA & GETI) was established in 2010 to develop a new cadre of professionals in disaster risk reduction and climate change adaptation to build disaster resilient societies. ONEA supports five countries: Republic of Korea, China, Japan, Mongolia and DPR Korea specifically to reduce disaster loss and risk and to ensure Sendai Framework for Disaster Risk Reduction 2015-2030 implementation. GETI has a global mandate to provide capacity building support to mainstream disaster risk reduction and climate change adaptation into sustainable development; convene and support inter-city learning to strengthen resilience (Making Cities Resilient); and to provide capacity building and best practice sharing support to national training institutions working on resilience issues. Based in Incheon, the Republic of Korea, UNDRR ONEA & GETI is also the global secretariat of the Making Cities Resilient 2030 (MCR2030). For more information: <https://www.undrr.org/incheon>

3. Contact Information

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