

## Accelerating implementation of DRR and resilience in infrastructure - [UNDRR Risk Reduction Hub](#) event

**When: Wednesday 17 May 2023, 13:15-14:45 EDT**

**Where: United Nations Headquarters, New York, United States of America – Conference Room A**

**Please arrive at least 10 minutes early for the event. Name tent cards have been prepared for all speakers, please look for your name.**

### **Event description**

The event will convene stakeholders from the infrastructure sector to discuss how the calls to action and recommendations of the [Sendai Framework Midterm Review report](#) can be progressed in the context of infrastructure, focussing on concrete solutions and pathways to risk-informed infrastructure systems that support sustainable development for all.

### **Event aims**

- Provide a space for non-state actors and government representatives to convene and share their perspectives on the outcomes of the midterm review of the Sendai Framework in relation to the infrastructure sector.
- Identify the transformations needed for improved multi-disciplinary cross-sector collaboration among experts to tackle complex challenges.
- Promote and highlight case studies of solutions and actions from participants and audience, as well as the resolution of barriers.
- Drive awareness of the global engineering perspective on disaster risk reduction and resilience, offering recommendations and solutions from trusted experts.
- Enhance and enable cross-sector and cross-regional collaboration, with a view to replicate innovative solutions.
- Introduce the Principles for Resilient Infrastructure Handbook and discuss how it can be operationalized.

## **Event Run-of-show**

### **13:15-13:17 Welcome (2')**

Session MC: Savina Carluccio, Executive Director of ICSI

*Mention the QR card and ability to interact with the event throughout. Comments and poll results will form part of the proceedings.*

*Introduces Abhilash Panda, Head, Financing Resilience, De-risking investment & Infrastructure Resilience*

### **13:17-13:21 Keynote address: What have we learned from the Sendai Framework Midterm Review and what are the key implications for the infrastructure sector? (4')**

Keynote speaker: Abhilash Panda, UNDRR

*Abhilash to hand over to Seth Shultz, CEO Resilience Rising.*

### **13:21–13:36 Fireside chat: Reflecting on the key findings and recommendations from the Sendai Framework Midterm Review and how to accelerate its implementation to 2030 and beyond. (15')**

Moderator: Seth Shultz, Resilience Rising

Lead Discussants:

- Kamal Kishore - member of India's National Disaster Management Authority (NDMA) and Indian Co-Chair of Coalition for Disaster Resilient Infrastructure (CDRI)'s Executive Committee
- Ms Victoria Salinas - Senior Official Performing the Duties of Deputy Administrator, Resilience, FEMA

Guiding questions:

- How might the implementation of the Sendai Framework recommendations contribute to the transformative change needed to drive more sustainable, resilient and inclusive infrastructure around the world?
- How can the stakeholders in the room achieve deeper connection and greater cross-sector, multi-disciplinary collaboration on DRR and resilience?

*Seth hands over to Mathieu Verougstraete, UNDRR Head of Infrastructure and Finance for Resilience Unit.*

### **13:36-13:44 Spotlight on: the UNDRR Handbook for implementing the principles for resilient infrastructure (8')**

Moderator: Mathieu Verougstraete, UNDRR

*Mathieu introduces the resource and moderates the short discussion that follows.*

Guiding question:

- How can the new resource 'Handbook for implementing the principles for resilient infrastructure' be used by different stakeholders?

Contributors:

- Tom Dolan, Senior Research Fellow at UCL, to give an academic's perspective (3')
- Nicole Boothman-Shepard, Vice President, Resilience and Recovery at AECOM, to give a designer's perspective (3')

*Mathieu hands back to Savina Carluccio*

### **13:44 – 13:50 Roundtable discussion: Multi-stakeholder perspectives and case studies on implementation of DRR and resilience in infrastructure**

MC: Savina Carluccio, ICSI

*Savina Carluccio introduces the roundtable and invites comments from Lead Discussant on providing national government's perspective on priorities for implementation of disaster risk reduction and resilience in the infrastructure sector.*

Lead Discussant, Lieutenant General Inam Haider Malik, Chairman, National Disaster Management Authority of Pakistan (5')

*Savina thanks Lead Discussant and introduces Tom Lewis, Founder at LE4 Advisors*

### **13:50 – 14:04 Thematic Session 1: Governance for Resilience (14')**

Moderator: Tom Lewis, LE4 Advisors

Guiding question:

How can government agencies and infrastructure owner-operator agencies be better supported and equipped to integrate disaster risk reduction and resilience as core multi-disciplinary values across the entire infrastructure life cycle - from program planning and funding through design, construction, and long-term operations/maintenance?

<b>DISCUSSANT</b>	<b>ROLE AND ORGANISATION</b>	<b>CONTRIBUTION</b>
TOM ABDALLAH	Vice President Design Services, NY MTA	Increased extreme weather events and risk of flooding events are top concerns for NYC alongside inadequate design of infrastructure such as sewer systems which cause flooding and damage to property and impacts on subway system. MTA and NYC DEP are working together to solve this challenge.
ERIC MACFARLANE	First Deputy Commissioner at NYC Department of Design and Construction	City government perspective/ building the Big U Rebuild by Design competition (TBC)
JENNIFER CASS	Senior Vice President, Capital Program NY EDC	EDC is a city government and corporation, working with the private sector. Raise Shorelines Citywide (Raise Shorelines) is a unique project that has involved planning, design and construction to address flooding and erosion associated with climate-change caused sea level rise.
JOSH DE FLORIO	Chief Resilience & Sustainability, Port Authority of NY/NJ	Airports and ports and other infrastructure, NJ/NY states, coordination across multiple govt agencies and project complexity, ports perspective. (TBC)

*Tom Lewis hands back to the moderator Savina Carluccio*

**14:04 – 14:21 Thematic Session 2: Scalable Solutions for Resilience (17')**

MC: Savina Carluccio, ICSI

Guiding questions:

- Can you share examples of solutions, processes, resources and innovations to implement of DRR and resilience?
- How can they be scaled up and embedded into practice?

DISCUSSANT	ROLE AND ORGANISATION	CONTRIBUTION
FIONA COUSINS	Principal, Americas Chair, Arup	Case Study - Resilient roads in Colombia.
AUROOP GANGULY	Distinguished Professor, College of Engineering, Northeastern University	Statement - Use of data for risk informed evidence-based decision making.
PUJA DAS	PhD Candidate @ Northeastern University	Case Study - Building on Prof Ganguly's statement, will present two case studies for flood emergency management and preparedness and water resource management in Bangladesh and Indonesia.
SURANJANA GUPTA	Senior Advisor, Huairou Commission	Statement - how organized communities are driving the demand for resilient infrastructure
PAUL GALLAY	Lecturer, Undergraduate Program in Sustainable Development, Columbia University	Case Study - Resilient Coastal Communities Project.

*Savina Carluccio hands over to David Smith, Chair of the Sustainable, Resilient Infrastructure Community Advisory Board at the Institution of Civil Engineers and Senior Vice President at Stantec*

### 14:21 – 14:33 Third thematic section: Taking action (12')

Moderator: David Smith, ICE & Stantec

Guiding Question: What is the global engineering community doing to take action?

DISCUSSANT	ROLE AND ORGANISATION	CONTRIBUTION
DAVID SMITH	Senior Vice President, Stantec and Chair of ICE's Sustainable Resilient Infrastructure Advisory Board	Role of engineers in accelerating implementation of DRR and resilience, priority areas from ICE/ICSI paper.
BILL KELLY	Senior Advisor to ASCE and WFEO	Statement from WFEO Committee of Disaster Risk Management
PULKIT KANOTRA	Civil Engineer, Arcadis and member of the WFEO Young Engineers working group	WFEO Young Engineers/Future Leaders, statement from youth on supporting governments to integrate resilience as a core value in infrastructure planning and implementation.
GEORGE KARAGIANNIS	ELG Director and former Deputy Secretary General at Civil Protection Greece	Role of private sector engineering-inclusive organisations

### **14:33 Open discussion (14')**

MC: Savina Carluccio, ICSI

*Open comments or questions from the floor. Priority will be given to those who didn't have a speaking role. Ask to introduce themselves and ask a concise question and indicate who it is for or, if providing a comment, be brief to give space to more people to chip in.*

### **14:47 Closing remarks - (1')**

MC: Savina Carluccio, ICSI

*Savina Carluccio to thank everyone for their input in the room, online and interaction with our digital polling and whiteboard. Mention proceedings will be published. There is still time to submit a statement/comment or case study via the google form. (QR code on the screen).*