

Friday 6th December 2024

Institution of Civil Engineers,  
One Great George Street, London, SW1P 3AA, UK



## EVENT PROGRAM

*Event Chairs: Prof. Tiziana Rossetto (UCL), Ziggy Lubkowski (Arup) and William Allsop (UCL & UoE)*

14:00 - 14:05 Welcome  
14:05 - 14:15 Opening talks

### **THEME 1: Tsunami impacts**

14:15 - 14:30 "Chasing tsunamis – December 2004 Indian Ocean: why and where it had all started"  
*Prof. Ioan Nistor, University of Ottawa, Canada*

14:30 - 14:45 "Post-Event Reconnaissance and Recovery: Creating a seam of tacit and documented knowledge"  
*Dr Keith Adams, EEFIT and London South Bank University, UK*

### **THEME 2: Tsunami science**

14:45 - 15:00 "The evolution of tsunami physical modelling since 2004 – trying to tell the full story"  
*Dr Ian Chandler, HR Wallingford, UK*

15:00 - 15:15 "The pneumatic tsunami generator; an overview of the research outcomes so far"  
*Dr David McGovern, London South Bank University, UK*

15:15 - 15:30 "Caught in the Wave: the interaction between Tsunamis and buildings"  
*Dr Davide Wüthrich, Delft University of Technology, Netherlands*

15:30 - 15:45 "Dynamics of multi-phase tsunami flow interacting with the built environment"  
*Prof. Nils Goseberg, Technical University of Braunschweig, Germany*

15:45 - 16:00 Discussion Session 1

### **16:00 – 16:30 Coffee Break in Council Room**

### **THEME 3: Tsunami risk and resilience**

16:30 - 16:45 "Advances in tsunami design codes and structural assessment after the 2004 IoT"  
*Dr Marta Del Zoppo, University of Naples Federico II, Italy*

16:45 - 17:00 "Advances towards tsunami-resilient transport infrastructure"  
*Dr Denis Istrati, National Technical University of Athens, Greece*

17:00 - 17:15 "Advancing tsunami risk assessments in Aotearoa New Zealand"  
*Prof. Liam Wotherspoon, University of Auckland, New Zealand*

17:15 - 17:30 "Next-Gen Community Risk- and Resilience-based Assessment"  
*Prof. Andre Barbosa, Oregon State University, USA*

### **THEME 4: Disaster Risk Reduction**

17:30 - 17:45... "The vulnerability of the Sri Lankan education system to tsunami"  
*Jonas Cels, University College London, UK*

17:45 - 18:00... "Gender-Inclusive Infrastructure for Disaster Risk Reduction: Lessons from the Great East Japan Earthquake and Noto Earthquake"  
*Dr Miwako Kitamura, Tohoku University, Japan*

18:00 - 18:15... "Application of science in disaster resilient policy actions: Innovations and lessons learnt from the Indian Ocean Tsunami - 20 Years On"  
*Dr Rashmin Gunasekera, World Bank/GFDRR, USA*

18:15 - 18:30 Discussion Session 2

**18:40 Drinks Reception in Council Room (ticket needed)**