

Resilience and Sustainability of Cities in Hazardous Environments

November 26-30, 2018
Naples (Italy)

Call for Papers

The Organizers and Scientific Committee invite academics, researchers, and graduate students, engineers, urban planners, architects, geologists, geophysicists, environmentalists, economists, educators, local and national authorities and risk managers, investors, developers, and other stakeholders from all over the world to attend and participate at the International Conference on Resilience and Sustainability of Cities in Hazardous Environments. The conference includes keynote speakers, oral talks, poster presentations, lectures, workshops, panel discussions, tours of Vesuvius and Campi Flegrei volcanoes, tour of the world's cultural heritage sites of Herculaneum and Pompeii, tour of urban habitats in the Neapolitan area, conference banquet with Neapolitan entertainment, and publication of conference papers. The participants will define the problems of cities in hazardous environments and present innovative strategies and establish collaborations for developing resilient and sustainable urban habitats. Building Resilience and Sustainability requires interdisciplinary and transdisciplinary collaborations and is the central objective of the conference. The plenary sessions will define a *Position Paper of the Conference on Resilience and Sustainability of Cities in Hazardous Environments*.

Conference Themes Plenary Sessions

- DAY 1: Hazards and vulnerabilities of cities in hazardous environments
- DAY 2: Governance of cities in hazardous environments
- DAY 3: Excursions, conference banquet & Neapolitan entertainment
- DAY 4: Pathways and resilience to sustainability of cities in hazardous environments
- DAY 5: Cities at risk perceived by school children (K-12 schools)

Conference Topics (add/chair a topic)

- Natural and anthropogenic hazards and historical perspectives
- Multi-hazard scenarios
- Robustness and progressive collapse of structures
- Vulnerability assessments
- Preventive conservation and risk assessment
- Demographic and socio-economic aspects
- Roles of population and business
- Smart cities and environmental protection
- Education and public engagement
- City governance practices
- Mitigation of natural and anthropogenic hazards
- Safeguarding cultural heritage
- Urban planning
- Resilient and sustainable habitats and infrastructure
- Education and public outreach
- Governance of resilient and sustainable cities
- Interdisciplinary collaboration initiatives

Deadlines

Abstract Submission:	April 10, 2018
Notification of Acceptance:	May 10, 2018
Paper Submission:	July 20, 2018
Early Registration:	May 20, 2018
Registration Closes:	July 20, 2018

Organizers

F. Dobran, A. Formisano, M. Indirli, G. Paolella

Scientific Committee (join the list)

Aboul, L. U.K.	Dobran, F. Italy, U.S.A.
Formisano, A. Italy	Indirli, M. Italy
Jia, J. Norway	Milani, G. Italy
Ortiz, P. Spain	Ortiz, R. Spain
Panza, G. Italy	Paolella, G. Italy
Ubertini, F. Italy	

Conference Lectures (propose a lecture)

- Scenario-based seismic hazard assessment
- Time dependent neo-deterministic seismic hazard scenarios
- Computational aspects of the neo-deterministic seismic hazard assessment
- Seismic, volcanic, and anthropogenic hazards in the Neapolitan area and mitigation strategies
- Resilience and sustainability of the Neapolitan area

Registration

Early registration €400 and €250 for students, Late registration €500 and €300 for students
Fees include conference access, wifi, lunches, coffee breaks, banquet, excursions and proceedings