

## 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
- Desertification, resilience, and sustainability of cities on volcanoes

**Deadlines**

- Paper Submission July 20, 2018
- based on approved abstracts:
- Registration Closes: July 20, 2018

**Organizers**

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

**Scientific Committee**

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|---------------------|--------------------------|
| Alboul, 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     | Paoella, G. Italy        |
| Ubertini, F. Italy  | Young, A. Brazil         |

**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**

Registration fees include conference access, wifi, lunches, coffee breaks, banquet, excursions and proceedings

For further information please visit conference website <http://congress.gvess.org>Send queries to [contact@gvess.org](mailto:contact@gvess.org)