

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

Registration Closes: July 20, 2018

Organizers

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

Scientific Committee

Alboul, L. U.K. Clementi, F., Italy

D'Amato, M., Italy Dobran, F. Italy, U.S.A.

Ferreira, T., Portugal Formisano, A. Italy

Indirli, M. Italy Jia, J. Norway

Laterza, M. Italy Lenci, S., Italy

Milani, G. Italy Ortiz, P. Spain

Ortiz, R. Spain Panza, G. Italy

Paolella, G. Italy Ubertini, F. Italy

Varum, H. Portugal 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