

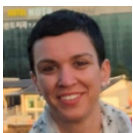
Special Session on

MULTI-HAZARD RISK & RESILIENCE ASSESSMENT: NOVEL APPLICATIONS TO NETWORKS AND SYSTEMS OF ASSETS



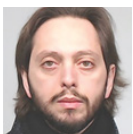
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Natural disasters are major events triggered by natural processes of the earth that may cause major loss of life as well as significant direct or indirect socioeconomic consequences to cultural heritage, buildings, or infrastructure assets and networks (transportation, power, sewage, telecommunication etc.). Low probability, rare events can have catastrophic impacts, but even more frequent ones can incur heavy costs in highly urbanized environments. Improving the resilience of the built environment against multiple perils is of top priority for communities, policy-makers and regulatory authorities.

The session aims at bringing together experts in the field to share their research goals, ideas and vision on both assessing and improving the resilience of networks and systems of assets via novel applications, including, but not limited to:

- Large-scale computations
- City/Regional/National level models
- UAV and satellite imagery for rapid damage assessment
- Machine-learning
- Sensor-data fusion
- Multi-hazard assessment

Abstract Submission Deadline : 15 January 2022

Contributions to the Special Session should only be submitted online at <https://iconhic.com/2021/authors-area/#submissions>. When filling the form don't forget to select the name of the Special Session in the dropdown menu 'Abstract Topic'.