

Special Issue on
Natural Hazards Challenges to Civil Engineering

CALL FOR PAPERS

The present special issue focuses on presentations and discussion of recent studies, new methods, original papers, and review articles that describe the current state of the art on the challenges related to natural hazards linked, when possible, with the climate change adaptation and their impacts on applications in planning, design, construction and operation of the built environment, and mitigations to reduce the effects of natural hazards.

This special issue also aims at presenting the effects of individual natural hazards as well as their relationships with other correlated and uncorrelated hazards and studying the vulnerability and resilience of the built environment when subjected to multiple hazards, with a particular focus on future challenges to civil engineering.

Potential topics include but are not limited to the following:

- ▶ Natural hazards: atmospheric, climatological, oceanographic, storm surge, tsunamis, floods, snow, avalanches, landslides, erosion, earthquakes, and volcanoes
- ▶ Multihazard approaches to civil engineering buildings and infrastructures
- ▶ Natural disaster losses resulting from interactions between the constructed environment and the societies and people who occupy them
- ▶ Natural hazards and risks in structural engineering
- ▶ Natural hazards and hydraulic infrastructures
- ▶ Risk assessment of civil engineering buildings and infrastructures
- ▶ Risk governance, disaster response, management, and preventive actions such as spatial planning and remedial measures

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/ace/nhcc/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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