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GeoHazards



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Message from the Editors-in-Chief

GeoHazards (ISSN 2624-795X) is a multidisciplinary peer-reviewed open-access journal devoted to theoretical and applied research across the whole spectrum of geomorphological hazards, namely endogenous and exogenous hazards, as well as those related to climate change and human activity. Particularly welcome are contributions dealing with the development, validation and practical implementation of innovative techniques, methods, and tools for the assessment, analysis and mitigation of these hazards. The analysis of the interactions between geomorphological hazards and society, including risk governance, disaster response and risk perception, communication and education are also within the scope of the journal.

Editors-in-Chief

Prof. Dr. Zhong Lu
Prof. Dr. Tiago Miguel Ferreira

Aims

GeoHazards (ISSN 2624-795X) is an open access journal focused on scientific research concerning geomorphological hazards, including both endogenous and exogenous hazards, as well as those related to climate change and human activity. The journal publishes original research articles, reviews, technical notes, and Special Issues on particular subjects.

Manuscripts related to the development, validation, and practical implementation of innovative techniques, methods and tools for the assessment, analysis and mitigation of geomorphological hazards are particularly welcome. *GeoHazards* also strongly encourages authors to submit electronic supplementary material, including the complete calculation and experimental procedure details, as well as source codes.

GeoHazards encourages scientists to present their experimental and theoretical results in comprehensive detail. Therefore, the journal imposes no restrictions on the length of papers. Authors should provide full details to enable the replication of results.

Scope

- Geophysical/ Geological Hazards: earthquakes; volcanoes; and tsunamis.
- Climatological and Climate-Change-Related Hazards: droughts; extreme heat; desertification; soil erosion; soil expansion; coastal erosion; and sea level-rise.
- Meteorological Hazards: wildfires; hurricanes, typhoons, cyclones and tornadoes; monsoons; thunderstorms; extreme temperatures; severe winter storms; windstorms; and sand/dust storms.
- Hydrological Hazards: storm surges; river floods; flash floods; and land subsidence.
- Mass-Movement Hazards: debris movements (landslides, rock falls, debris flows, mudflows and avalanches); and sinkholes.
- Anthropogenic and Technological Hazards: terrorism; explosions; urban fires; air pollution and atmospheric dispersion; industrial accidents; infrastructure failures; induced earthquakes; technological accidents triggered by natural disasters.
- Applications: detecting, monitoring, mapping, and modeling hazards (frequencies and magnitudes; spatial and temporal variability); risk assessment and damage scenarios; multi-hazard analyses and cascading effects; risk and vulnerability reduction; physical, social and economic resilience; disaster response and reconstruction; social exposure; and risk perception, communication and education.

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