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Natural Hazards and Earth System Sciences (NHES)

Managing Editor: Fausto Guzzetti

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Aims and Scope

Natural Hazards and Earth System Sciences (NHES) is an international and interdisciplinary journal for the publication of original research concerning natural hazards. New perspectives for the understanding and tackling of natural hazards will arise by considering the subject from a broad base where the separate geosciences merge. NHES serves the community of geoscientists concerned with natural hazards and also those interacted in publishing communications regarding interdisciplinary problems arising from difficulties encountered in the tackling of the mitigation of risks associated with natural hazards. Accordingly, NHES encompasses:

- The evolution of natural systems towards extreme conditions and the detection of precursors of such evolution.
- The monitoring of rare events and the integration of measures for the understanding of spatial and temporal characteristics of rare natural phenomena.
- The development of new techniques for the reduction of damage to human settlements and the impact of rare events on man-made structures.
- The impact on the natural environment of interventions to reduce damage.
- The scaling of spatial and dynamic behaviour.
- The monitoring and integration of data in forecasting tools.
- The impact of climate change in natural risks.

The journal will publish research articles, research and technical notes, book reviews, brief communications, letters and comments on papers published previously in NHES. Interdisciplinary papers on theory, modelling methods and techniques, and measuring and monitoring in the following areas will be particularly welcome (the list is neither exhaustive, nor rank-ordered):

- Meteorology and Climate Hazards;
- Hydrology Hazards;
- Landslides;
- Earthquakes;
- Tsunamis;
- Volcanic Eruptions;
- Snow Avalanches;
- Glacier Hazards;
- Agricultural Hazards;
- Natural Hazards Monitoring;
- Societal and Economic Impact;
- Risk Assessment;
- Sea Hazards.



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Contributions dealing with multidisciplinary aspects of natural hazards (i.e. meteorology and hydrology or hydrology and mass movements) are especially welcome.

Issuing Body

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