

Special Issue in the Journal 'Natural Hazards'

<http://www.springerlink.com/content/102967>

Title

Advances in Extreme Value Analysis and Application to Natural Hazards

Aims and scope

The third international conference on Advances in Extreme Value Analysis and Application to Natural Hazards (EVAN) will take place in Southampton, UK from Tuesday 5 to Thursday 6 September 2017 (<https://evan2017.wordpress.com>). The overall aim of the conference is to bring together and promote interchange between a diverse community of research scientists, students, practitioners and stakeholders concerned with the complex and inter-disciplinary topic of analyzing, understanding and predicting natural hazard events. Talks from the conference will form the basis for papers in this special issue, although additional contributions are welcome. Papers describing and analysis of extremes of a wide range of geophysical variables (i.e. temperature, rainfall, flows, sea level, winds, surface ocean waves, snow) and works related to natural hazards (floods, windstorms, wave storms, heat waves, droughts, landslides) are welcome. Contributions can include, but are not limited to, the following topics:

- Description of probabilistic models that are useful in extreme value problems and applications.
- Non-stationary extreme value analyses.
- Multivariate extreme value statistics.
- Spatial/regional analysis of extreme values.
- Extreme value analysis from a climate perspective.
- Uncertainties in extreme value analyses.
- Risk analysis and adaptation.
- Resilience and sustainability.

Submission

All submissions will be peer reviewed. Submitted articles should not have been published or be under review elsewhere. Manuscripts should be submitted online at <http://www.springer.com/earth+sciences+and+geography/natural+hazards/journal/11069>.

Prospective authors should consult this site for guidelines and information on paper submission. Please select «S.I.: Advances in Extreme Value Analysis and Application to Natural Hazards» as manuscript type.

Schedule

Submission of paper: until January 1, 2018

Expected publication date: Summer 2018

Guest editors

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