



Hydrological Hazard: Analysis and Prevention

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submissions:

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Message from the Guest Editor

Dear Colleagues,

The overall goal of this Special Issue of Geosciences is to consider innovative approaches to the analysis, prediction, prevention, and mitigation of hydrological extremes. With this aim, interdisciplinary original research articles highlighting new ideas, approaches and innovations in the analysis of various types of droughts (e.g., meteorological, agricultural and hydrological drought) and various types of flood (e.g., fluvial, coastal and pluvial) are welcomed.

Potential topics of this Special Issue of Geosciences include, but are not limited to:

- Regional flood and drought analysis
- Case studies and comparative studies in different parts of the world
- Analyses of regional/global patterns and trends
- Effects of land-use or land-cover change on hydrological extremes
- Prediction and prevention of hydrological extremes
- Use of satellite and climate data for drought analysis
- Innovative modelling methods for flood hazards
- Strategies for reducing the vulnerability to hydrological extremes
- Climate change and hydrogeological risk





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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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