



Flood Hazard and Risk in Urban Areas

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editor

Dear Colleagues,

Floods continue to be a natural hazard process causing significant social, environmental and economic impacts worldwide, despite the deep knowledge that exists regarding the various drivers that explain flood-related disasters. This is partly due to the complexity associated with the scale at which physical processes occur—basin scale inter-acting with the floodplain scale—in respect to the hazard, but also regarding the social and territorial factors that shape exposure, vulnerability, coping capacity, emergency response and recovery.

We encourage the submission on the following topics:

- Complementarity of flood hazard assessment methods;
- Requirements and contribution of flood loss databases in improving flood hazard and risk evaluations;
- Accounting for paleofloods in urban areas;
- Enhancement of global flood hazard and risk models in urban areas;
- Accommodating climate change effects in flood hazard and risk in urban areas;
- Impact of spatial planning policies and land use practices in reducing/increasing flood hazard and risk in urban areas;
- Flood early warning systems and Earth Observation monitoring for urban areas.





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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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