

## Special Issue

# Spatial Analysis of Flooding Phenomena: Challenges and Case Studies

### Message from the Guest Editor

This Special Issue seeks contributions involving innovative methodological approaches or relevant case studies regarding topics such as the following:

- Climate change and its flooding derivatives;
- New GIS frameworks for urban flooding analysis;
- Strategies for mitigating flooding effects through land use policies and management;
- Risk analysis derived from human anthropization of territory;
- Regulatory spatial applications aimed at integrating different knowledge of flooding;
- Correlation between unbalanced urban planning and flooding vulnerability;
- Advances in DSM and DTM modeling of flooding in urban areas.

Innovative methodologies, frameworks, or significant results from relevant case studies related to all these topics are welcome, but similar ones may also be considered for publication if they fit within the scope of this Special Issue.

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### Guest Editor

Dr. Salvador García-Ayllón

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### Deadline for manuscript submissions

closed (26 April 2026)



## Water

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### Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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