

Special Issue

Innovations in Flood Risk Mitigation

Message from the Guest Editors

Coastal, river, and urban flood risk is a current issue due to climate change and anthropization processes that have affected many countries. This Special Issue aims to analyze all the main aspects concerning floods through research papers and case studies on the following topics:

- Coastal, river, and urban flood risk;
- Innovations on flood risk assessment;
- Innovations on flood risk modeling;
- Innovations on urban drainage systems;
- Impact of climate change;
- Impact of anthropogenic pressure;
- Calibration and validation strategies;
- Uncertainty quantification;
- Integration of remote sensing;
- Flood risk mapping;
- Flood mitigation measures;
- Best management practices (BMP);
- Low impact development (LID);
- Application of flood modeling to support decision making.

Guest Editors

Dr. Giuseppe Barbaro

Dr. Giandomenico Foti

Dr. Pierfabrizio Puntorieri

Deadline for manuscript submissions

closed (31 May 2022)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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