



Innovations in Flood Risk Mitigation

Guest Editors:

Dr. Giuseppe Barbaro

DICEAM Department,
Mediterranea University of
Reggio Calabria, Via Graziella loc.
Feo di Vito, 89122 Reggio
Calabria, Italy

Dr. Giandomenico Foti

Mediterranea University of
Reggio Calabria, DICEAM
Department, Via Graziella loc.
Feo di Vito, 89122 Reggio
Calabria, Italy

Dr. Pierfabrizio Puntorieri

Mediterranea University of
Reggio Calabria, DICEAM
Department, Via Graziella loc.
Feo di Vito, 89122 Reggio
Calabria, Italy

Deadline for manuscript
submissions:

closed (31 May 2022)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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. *Sustainability* publishes original research articles, review 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)