

Special Issue

River Flood Indicators for Sustainability: Field Studies, Trends and Modeling

Message from the Guest Editors

In recent decades, we have witnessed a revolution in the way we think about reducing the effects of floods. Our experience with floods show that the size of flood losses depends on three elements: the extent of the flood, what is located in the affected area, and the extent to which the endangered objects and people are susceptible to flooding. The main aim of this Special Issue is to provide the latest research on: - development of techniques to reduce flood hazard - development of flood monitoring and warning system - numerical modeling of extreme events - impact of the flood on the aquatic environment - geomorphological changes in riverbeds after a flood passed - river bank and bed erosion; incision of river channels - river sediment transport - stability of hydraulic structures during floods and their renovation after damage - spatial development plans taking into account flood risk zones - riverbed revitalization increasing flood retention

Guest Editors

Dr. Karol Plesiński
Prof. Dr. Artur Radecki-Pawlik
Dr. Tomasz Kałuża

Deadline for manuscript submissions

closed (21 August 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/76502

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)