

Special Issue

Advances in Sustainable River Management: Reconciling Conflicting Interests under Climate Extremes

Message from the Guest Editors

Ever-increasing water exploitation mainly for water supply, irrigation and renewable energy have intensively degraded freshwater ecosystems, notably rivers.

Further, the climate extremes and water scarcity enhanced by climate change induce additional stress in the freshwater ecosystems and may stimulate conflicts among water users. Therefore, assurance of optimal living conditions for aquatic organisms is one of the most important principles related to sustainable water management. On the other side, human activities often alter not only the natural hydrologic regime but also habitat conditions for the aquatic ecosystem by substantially affecting several essential life-stages of aquatic organisms. Also, we are aware that water is needed for several vital humans' activities, where agricultural and industrial seems to be the primary water consumer. In a situation where on the World are observed more frequent drought and water scarcity, water systems management requires the most advanced approaches and tools for rigorously addressing all the dimensions involved in the sustainability of its development.

Guest Editors

Dr. Andrzej Wałęga

Department of Sanitary Engineering and Water Management, University of Agriculture in Krakow, 30-059 Krakow, Poland

Dr. Alban Kuriqi

CERIS—Civil Engineering Research and Innovation for Sustainability, Instituto Superior Tecnico, University of Lisbon, Av. Rovisco Pais 1, 1049-001 Lisbon, Portugal

Deadline for manuscript submissions

closed (26 March 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/51591

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 7.7



[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. *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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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