



Watershed Management, Conservation, and Erosion Control: Theory, Methods, and Applications

Guest Editors:

Dr. Xudong Peng

College of Forestry, Guizhou
University, Guiyang 550025,
China

Prof. Dr. Quanhong Dai

College of Forestry, Guizhou
University, Guiyang 550025,
China

Deadline for manuscript
submissions:

closed (1 April 2023)

Message from the Guest Editors

This Special Issue will mainly address new theories, methods and applications of watershed management, conservation and erosion control. We will focus on the interaction mechanism of water, soil, gas and biology in the watershed and the response of the surface process, the watershed flood process and human activities, the ecological function of watershed resources and the eco-environmental effect of resource development, the carrying capacity and development limit of watershed resources, watershed environment and disaster evolution and watershed sustainable development mechanism and regulation. The solution of the above scientific issues will help us to understand the objective law of watershed evolution. Of course, this would benefit from the application of new research methods and advanced technologies.

We welcome original studies based on field measurements and monitoring, laboratory control experiments and numerical simulations. We also welcome the latest comprehensive reviews.

If your findings are novel or unique and your method is new, please submit your paper to our Special Issue; watersheds need to be studied to maintain their healthy and sustainable development.





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)