



*water*



an Open Access Journal by MDPI

## Evolution of Soil and Water Erosion

Guest Editors:

**Dr. Jian Luo**

Inner Mongolia Key Laboratory of  
River and Lake Ecology, School of  
Ecology and Environment, Inner  
Mongolia University, Hohhot  
010021, China

**Dr. Chengcheng Xia**

School of Geography and  
Tourism, Chongqing Normal  
University, Chongqing 401331,  
China

Deadline for manuscript  
submissions:

**25 July 2024**

### Message from the Guest Editors

The complex interplay between climate, geology, vegetation, and human interventions has shaped the present-day state of erosion in different regions of the world. We will unravel the intricate relationship between human activities and erosion, highlighting the detrimental consequences of deforestation, unsustainable agriculture practices, and improper land use. We will also explore how technological advancements and conservation efforts have provided potential solutions to mitigate erosion's detrimental effects. We welcome articles with a strong interdisciplinary approach covering the following topics:

- Risk assessment of soil erosion;
- Soil erosion evolution and its driving factors analysis;
- The coupling mechanism between soil surface microtopography and soil erosion;
- Soil erosion models;
- Soil erosion and its control;
- Soil erosion mechanisms;
- Dynamic changes in soil erosion and ecological security assessment;
- Water quality evolution under soil erosion processes;
- Public participation in soil and water conservation projects;
- The impact of climate change on erosion and sedimentation on various land use types.



[mdpi.com/si/176249](https://mdpi.com/si/176249)

# Special Issue



*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Jean-Luc PROBST**

Laboratory of Functional Ecology  
and Environment, Centre  
National de la Recherche  
Scientifique (CNRS), University of  
Toulouse, Campus ENSAT,  
Auzeville Tolosane, France

## Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

## Author Benefits

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

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

**Journal Rank:** JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

## Contact Us

---

Water Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](https://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)