

## Special Issue

# Monitoring and Evaluation of Hydrology and Ecology in Mining Areas

### Message from the Guest Editors

Under the influence of natural factors and human activities, land use transformation directly affects the material circulation and energy flow of the ecosystem and changes habitat quality. Understanding the temporal and spatial evolution characteristics of LUCC and assessing habitat quality are aid the effectiveness of ecological environment management, ecological health protection, and green sustainable development. Simulating and analyzing the changes and driving factors of ecosystem service functions, realizing spatial visualizations of simulation results, and evaluating the quality of the ecological environment are reliable methods to maintain the sustainable development of ecosystems.

Manuscripts in the form of case studies on land use change simulation and prediction, habitat quality analysis and assessment, large-scale or regional ecological planning, and landscape pattern optimization strategies, as well as studies that assess trends in ecological environment change and explore temporal and spatial variation in ecosystem service functions at different scales, will be welcomed.

---

### Guest Editors

Prof. Dr. Aidi Huo

Prof. Dr. Pingping Luo

Dr. Chunli Zheng

Prof. Lili Liu

---

### Deadline for manuscript submissions

closed (10 May 2024)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



[mdpi.com/si/187520](https://mdpi.com/si/187520)

*Water*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[water@mdpi.com](mailto:water@mdpi.com)

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

water





# Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0



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



## About the Journal

### 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.

---

### Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR  
CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique  
(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,  
Toulouse, France

---

### 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 (Aquatic Science)