

## Special Issue

# Sustainable Planning, Management and Utilization of Water Resources

### Message from the Guest Editor

Dear Colleagues: Global climate change and intense human activity have had a significant influence on the Earth's water resource systems during the past century, and disputes over water usage have gotten much worse. Planning and management methods for water resources must change to meet the new requirements of a changing environment if the sustainable use of water resources is to be maintained. The purpose of this Special Issue, which is closely connected to the *Sustainability* journal's major focus on human environmental, economic, and social sustainability, is to collect research and studies on the rational and effective use of water resources in a changing environment. Original research articles and reviews are welcome. Research themes may include (but are not limited to) the following:

- The analysis and dynamic prediction of the hydrological cycle's evolution under climate change;
- Forecasting of the mechanisms and trends of interactions between the host and the object of water resources in a changing environment;
- Research on multi-objective adaptive regulation strategies for water resources in a changing environment.

Look forward to receiving your contributions.

---

### Guest Editor

Prof. Dr. Zengchuan Dong

College of Hydrology and Water Resources, Hohai University, Nanjing 210098, China

---

### Deadline for manuscript submissions

closed (31 May 2023)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/139203](https://mdpi.com/si/139203)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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. 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)