



Advances in Sustainable Management of the Water Environment

Guest Editors:

Dr. Hanseok Jeong

Department of Environmental
Engineering, Seoul National
University of Science and
Technology, Seoul 01811,
Republic of Korea

Dr. Chang-Gu Lee

Department of Environmental
and Safety Engineering, Ajou
University, Suwon 16499,
Republic of Korea

Dr. Taeil Jang

Department of Rural
Construction Engineering,
Chonbuk National University,
Jeonbuk 54896, Republic of
Korea

Deadline for manuscript
submissions:
closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

Water is one of the most valuable resources on earth, and its management is becoming more challenging and complex due to a range of factors including the climate crisis, population growth, novel entities, and unsustainable water management practices. Therefore, this Special Issue aims to present innovative and effective solutions to ensure that the water environment is managed sustainably and equitably.

We welcome original research and review articles that address various aspects of sustainable water management, including, but not limited to, the following:

- Climate change impacts and mitigation;
- Exponential technologies for water management;
- Integrated water resources management;
- Monitoring and modeling of the water environment;
- Stakeholder engagement;
- Water governance;
- Water quality management;
- Water treatment technologies.

We look forward to your contributions.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)