

Special Issue

Sustainable Water Management and Urban Drainage Systems

Message from the Guest Editors

Sustainable water management and urban drainage systems are essential to reduce flood risks and ensure continuous water supply. A sustainable water management approach is a good way to predict water cycles and get information on optimal design in cities, which will build a foundation toward sustainable urban drainage systems. Hence, it is now necessary to look for multidisciplinary decisions for the optimal design and management of resource-efficient urban drainage systems.

The goal of this Special Issue is to contribute a broad range of research related to, but not limited to, the following topics:

- Predicting water cycle characteristics and climate change;
- Advancing simulation/experiment and control of urban drainage systems;
- Modelling sustainable urban water management;
- Development of urban flood risk assessment methods;
- Development of urban water cycle techniques through infiltration/retention activation;
- Comprehensive decision making using a system dynamics approach.

Guest Editors

Prof. Dr. Eui Hoon Lee

School of Civil Engineering, Chungbuk National University, Cheongju 28644, Korea

Dr. Yangho Song

Daejeon Sejong Research Institute, Daejeon 34863, Korea

Dr. Seungyub Lee

Department of Civil and Environmental Engineering, Hannam University, Daejeon 34430, Republic of Korea

Deadline for manuscript submissions

closed (31 December 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/84060

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



[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)