## **Special Issue**

# Sustainable Water Management: Flood History and Forecasting

### Message from the Guest Editor

Flood history and forecasting are very important to sustain urban water systems. Research is required for the investigation of flood history for flood reduction as well as the improvement of flood forecasting techniques. In addition to research for sustainable water management techniques, research to predict the urban water system using Al is also required. From this point of view, applying various methods such as deep learning and meta-heuristic optimization algorithms will be a good way to increase the sustainability of urban water. This Special Issue seeks contributions spanning a broad range of topics related but not limited to the following:

- Urban flood history and forecasting using deep learning techniques
- Simulation/experiment of water management systems
- Development of resilience index for the assessment of water management
- Management of urban water system using deep learning or meta-heuristic optimization algorithms

I look forward to receiving your contributions.

### **Guest Editor**

Dr. Eui Hoon Lee

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

### Deadline for manuscript submissions

closed (20 September 2024)



## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/159958

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

mdpi.com/journal/ sustainability





### Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



### **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)

