

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 AI 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

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Deadline for manuscript submissions

closed (20 September 2024)



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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

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