Special Issue

Integrated River Basin Management and Sustainable Water Resources Management Using Innovative Approaches

Message from the Guest Editor

Integrated river basin and sustainable water resource management are very important. We must investigate river basin management for flood reduction. In addition to studies on sustainable water resources management techniques, studies that predict the risk of water system using innovative approaches such as artificial intelligence (AI) are also required. From this point of view, using various methods, such as deep learning and meta-heuristic optimization algorithms, may increase the sustainability of river basins and water resources. This Special Issue aims to collect papers focused on new research results regarding 'Integrated River Basin Management and Sustainable Water Resources Management Using Innovative Approaches'. This Special Issue seeks contributions spanning a broad range of topics related, but not limited to, the following:

- Integrated river basin management;
- Flood forecasting using deep learning techniques;
- Simulations/experiments on water resources management;
- Assessments of water resources management;
- Flood routing using 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

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

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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. *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.

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

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