

Special Issue

Sustainable Water Management and Ecological Engineering

Message from the Guest Editors

Ecological engineering represents a nature-based approach to water management and governance. It leverages natural processes to adapt to climate change while meeting the goals of ecological and environmental sustainability, as outlined by the concept of nature-based solutions (NBSs), thereby fostering both human well-being and ecological harmony. This Special Issue aims to integrate management strategies, engineering technologies, and monitoring and early warning systems to address environmental challenges relating to water. It will also evaluate the performance and efficacy of these approaches in terms of ecological conservation and environmental sustainability to identify the most suitable adaptation strategies. Research areas may include (but are not limited to) the following:

- Ecological engineering.
- Climate change adaptation.
- Nature-based solutions.
- Green infrastructure.
- Water resource management.
- Ecological surveys and monitoring.
- Soil and water conservation engineering.
- Environmental protection policies.
- Mitigation of hydro-meteo hazards.
- Geotechnical engineering.

Guest Editors

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Deadline for manuscript submissions

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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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