

Special Issue

Soil Water Balance and Management: Recent Advances and Future Challenges

Message from the Guest Editors

This Special Issue aims to delve into the intricate processes of soil erosion by water and their implications for water resource management. As water erosion poses significant environmental challenges, understanding its dynamics and developing effective conservation strategies are crucial for sustainable land use and water resource preservation. We invite contributions that explore a wide range of topics, including but not limited to the following:

- The processes and mechanisms of water erosion and modeling techniques.
- Innovative strategies for soil and water conservation.
- Assessment and management of water resources in the context of erosion.
- Environmental risk assessment related to soil and water degradation.
- Integrated approaches to water resource management.
- Impacts of water erosion on ecosystems and human activities.
- Case studies demonstrating successful erosion control and water management practices.

Guest Editors

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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