

## Special Issue

# Water-Soil-Vegetation Interactions in Changing Climate

### Message from the Guest Editor

The interplay between water, soil, and vegetation is fundamental to ecosystem stability, hydrological cycles, and agricultural productivity. However, global environmental change is altering these interactions, thus affecting water availability, soil health, and vegetation dynamics. This Special Issue explores the complex relationships among these components under changing environmental conditions, addressing both theoretical and applied aspects. The key components of this Special Issue include the following:

- Impacts of global environmental change on soil moisture and hydrological processes;
- Vegetation responses to shifting precipitation patterns and temperature regimes;
- Soil degradation and erosion and their impacts on the carbon cycle;
- Sustainable land management strategies to enhance ecosystem resilience;
- Remote sensing and modeling approaches for monitoring changes in water–soil–vegetation systems.

**Keywords:** water–soil–vegetation nexus; carbon and water cycles; global environmental change; ecosystem resilience; sustainable management strategies

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### Guest Editor

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### Deadline for manuscript submissions

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## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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