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Evolution of Soil and Water Erosion

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Deadline for manuscript submissions:

25 July 2024

Message from the Guest Editors

The complex interplay between climate, geology, vegetation, and human interventions has shaped the present-day state of erosion in different regions of the world. We will unravel the intricate relationship between human activities and erosion, highlighting the detrimental consequences of deforestation, unsustainable agriculture practices, and improper land use. We will also explore how technological advancements and conservation efforts have provided potential solutions to mitigate erosion's detrimental effects. We welcome articles with a strong interdisciplinary approach covering the following topics:

- Risk assessment of soil erosion;
- Soil erosion evolution and its driving factors analysis;
- The coupling mechanism between soil surface microtopography and soil erosion;
- Soil erosion models;
- Soil erosion and its control;
- Soil erosion mechanisms;
- Dynamic changes in soil erosion and ecological security assessment;
- Water quality evolution under soil erosion processes;
- Public participation in soil and water conservation projects;
- The impact of climate change on erosion and sedimentation on various land use types.



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Special Issue



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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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