



water



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Evolution of Soil and Water Erosion

Guest Editors:

Dr. Jian Luo

Inner Mongolia Key Laboratory of River and Lake Ecology, School of Ecology and Environment, Inner Mongolia University, Hohhot 010021, China

Dr. Chengcheng Xia

School of Geography and Tourism, Chongqing Normal University, Chongqing 401331, China

Deadline for manuscript submissions:

closed (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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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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