

Special Issue

Soil Erosion under Different Rainfall Regimes

Message from the Guest Editors

In the present direction of climate change, the trend of intensive precipitation events is increasing. The analysis of the impact of different rainfall regimes on runoff, (flash)floods, soil loss, and nutrient losses, especially with the recent tremendous increase in fertilizer prices, is highly important. In this way, we can prepare our agriculture for these new events. Using field measurements and modelling the impact of these increasing precipitation events highlight the magnitude of the problems. The purpose of this Special Issue to provide good coverage of the effects of different rainfall regimes on extreme soil water erosion, flooding, and soil and nutrient loss in various regions of the world. Several studies have previously addressed rainfall simulations in the field and in the laboratory, and also, several nomograms have been proposed to explain the effects of increased rainfall intensities, but new data and novel, innovative approaches will shed some light on the potential effects of these recent environmental issues. We are looking forward to receiving articles related to research under different rainfall regimes from all the continents.

Guest Editors

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Deadline for manuscript submissions

closed (1 December 2022)



Water

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Impact Factor 3.0
CiteScore 6.0



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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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