# Special Issue

# Rainfall-Induced Landslides: Influencing, Modelling and Hazard Assessment: 2nd Edition

## Message from the Guest Editors

Rainfall of different intensities is the main factor triggering both shallow and deep-seated landslides. Shallow landslides, especially soil slips, are usually triggered by intense short-duration rainfall, whereas landslides in clayey soils and deep-seated landslides are more sensitive to long-term and moderate-intensity rainfall. Historically, rainfall-induced landslides have posed risks to constructed facilities and led to fatalities, widespread damages, and economic losses. As a consequence, studying the causes and conducting hazard assessments of rainfall-induced landslide disasters have remained some of the most important challenges in the field of engineering geology. Given the projected climate and environmental changes, further research on the topic of landslides is crucial. This Special Issue invites research on rainfall-induced landslides, including geological surveys, comprehensive field monitoring, laboratory physical modelling, theoretical analyses, and numerical simulations, that can advance landslide forecasting and hazard mitigation.

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## Deadline for manuscript submissions

closed (25 November 2025)

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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

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