

Special Issue

Geotechnic and Geostructure Modelling for Landslides: Prediction and Control

Message from the Guest Editors

The purpose of this Special Issue is to provide original research and review papers on the causes and mechanisms of landslide hazards, relevant advanced geotechnical techniques, and geotechnical structure modeling to comprehensively predict landslide hazards and minimize disaster risks to the greatest extent possible. Potential topics include, but are not limited to, the following:

- Novel modeling of geostructures;
- Recent progress in landslide dynamics;
- Advanced geotechnical support theories for slopes;
- Laboratory testing methods for geotechnical properties associated with landslides;
- Stability analyses and evaluations of mine slopes under complex conditions;
- Numerical simulations of mine slope stability under multi-field coupling;
- Machine learning algorithms for predicting landslide disasters;
- Investigation and theoretical analyses of the failure mechanisms of landslides;
- Comprehensive assessments the of risks and hazards associated with landslides;
- Policies and measures to mitigate landslide hazards.

Guest Editors

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Deadline for manuscript submissions

closed (10 March 2026)



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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