

## Special Issue

# Geohazards Monitoring Assessment: Earth- Observation Techniques

### Message from the Guest Editors

With the increase in extreme weather and the expansion and intensity of human activities, the impact of geological disasters on human beings has become more and more remarkable. Considering the geohazard conditioning factors of geological, geomorphological, and hydrological predictors, and also the geohazard-triggering factors of the short-term cumulative rainfall, antecedent rainfall, rain infiltration, and soil hydrological conditions, the time evolution monitoring and permanent real-time early warning system of geohazards still need strengthening. With the introduction of new technologies and methods such as 3S technology and intelligent algorithms, monitoring and assessment studies are necessary to adapt to the rapid development of Earth observation technology. The aim of this research topic is to explore the application of Earth observation systems in geohazard monitoring and risk assessment. We welcome research topics on time evolution monitoring, early warning systems, and hazard assessment of different types of single geohazards or multiple geohazards. We also welcome a wider range of geohazard-related research to join our Special Issue.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 April 2024)



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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