Rockfall Hazard Analysis Using Remote Sensing Techniques

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Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Rockfall is one of the most dangerous and harmful phenomena in mountainous and hilly areas. Such incidents can cause huge losses to lives, property and infrastructure. Therefore, appropriate rockfall hazards analysis methods are needed to save lives and provide guidance for regional development. Remote sensing technology, which has undergone significant development, has become an important technical means and has been popularly used in numerous studies. Unmanned aerial vehicle (UAV) photogrammetry and 3D laser scanning, for example, have been successively applied to the early identification of rockfall hazards. Multi-temporal imagery data acquired by optical satellites and aircrafts have also been used to identify potential rockfall source areas.

This Special Issue aims to publish high-quality research papers, as well as salient and informative review articles, addressing emerging trends in remote sensing-based rockfall hazard analysis. Original contributions, not currently under review in a journal or a conference, solicited in relevant areas are welcome. We look forward to receiving your contributions.

Guest Editors

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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