



## Quantifying Geomorphological Processes Using Remote Sensing Techniques

Guest Editor:

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submissions:

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### Message from the Guest Editor

In the era of globalization, geomorphology study should develop the geomorphological theory, technique and methodology of the new era with the aid of remote sensing, big data, AI and other techniques. Geomorphological application researches at a global scale should be conducted, which can provide a scientific basis for global change estimation of ecology and environment.

With the continuous promotion of study to Mars, the Moon and other stars, the studies on the aspects such as the mechanism and effect of geomorphological formation and evolution, geology, geomorphology and environmental evolution, the impact of geomorphology on the stars, can serve earth system science research better.

This Special Issue aims at studies covering quantitative geomorphology and planetary geomorphology researches using different remote sensing data acquired by sensors and platforms.

Articles may address, but are not limited, to the following topics:

Geomorphological classification and mapping;  
Geomorphological information tuple; Geomorphological disaster; Permafrost change monitoring; Digital topographic analysis; Ground subsidence monitoring; Lunar carters extraction; Water inrush disaster





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## Message from the Editor-in-Chief

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