Special Issue

Quantifying Geomorphological Processes Using Remote Sensing Techniques

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 tupu; Geomorphological disaster; Permafrost change monitoring; Digital topographic analysis; Ground subsidence monitoring; Lunar carters extraction; Water inrush disaster

Guest Editor

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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