Special Issue

Remote Sensing of Soil Erosion in Forest Area

Message from the Guest Editors

Soil erosion is currently one of the most important environmental problems worldwide. Specifically, with the aggravation of global climate change and human activities, forest has been suffering an increasing risk of soil erosion. As a consequence, many forestry ecosystem functions such as carbon exchange and water/soil conservation would be seriously affected. In recent decades, the development of quantitative remote sensing allows for the generation of many key land surface/atmospheric parameters (such as soil moisture, precipitation, forest canopy cover, etc.) and associated remote-sensing-based soil erosion models and has provided an unprecedented opportunity to monitor soil erosion over forest areas.

In the context of "Remote Sensing of Soil Erosion in Forest Area", this Special Issue seeks contributions reflecting the present innovative research progress in this field. The topics can range from the satellite retrieval methods for key factors of soil erosion, the remote-sensing-based soil erosion models, the effects of climate change and human activities on soil erosion, as well as the system development for soil erosion assessment.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2024)

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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.

Editor-in-Chief

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