Special Issue

Soil Erosion Estimation Based on Remote Sensing Data

Message from the Guest Editors

Soil erosion is a serious problem in many parts of the world, and it is likely to remain so into the foreseeable future. It negatively impacts soil quality, agricultural productivity, water quality and biodiversity. The assessment of soil erosion is useful in planning, conservation, climate adaptation and the development of optimum land management practices in order to reduce or mitigate erosion. Remote sensing data constitute important sources of information for mapping, monitoring, and predicting soil erosion, providing a cost-effective means of investigating soil erosion where there are not accessible territories or direct field methods are expensive. This Special Issue aims to publish studies covering different uses of remote sensing data to extract useful information for the estimation of soil erosion including water and wind erosion. Multisource data integration studies , multiscale approaches, and discussions of a variety of other issues are welcome. We also welcome the submission of manuscripts that investigate the developments and applications of erosion models and algorithms for erosion factors.

Guest Editors

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Prof. Dr. Alfredo Huete

Prof. Dr. Xiaoping Zhang

Deadline for manuscript submissions

closed (30 April 2025)

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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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