Special Issue

Remote Sensing for Geology and Mapping (Second Edition)

Message from the Guest Editors

Remote sensing is acquiring information from a distance, which plays an important role in geological survey, mapping, and analysis and can be used to investigate geological characteristics without ground activities. The rapid progress of geology, mapping, and remote sensing has provided continuous data for atmospheric, ocean, and land studies at spatial and temporal scales. This year, the 2024 5th International Conference on Geology, Mapping, and Remote Sensing (ICGMRS 2024) was held in Wuhan, Hubei, China, on April 12–14, 2024. This Special Issue, entitled “Remote Sensing for Geology and Mapping (Second Edition)”, is organized based on the first edition's success and aims to select excellent papers both presented at the conference and published outside the conference. With the advancing development of AI, big data, and sensor technology, how to accurately perceive the dynamic information of massive remote sensing data is becoming a more challenging but interesting subject for researchers and engineers. Therefore, the 2nd edition pays more attention to the application of AI DL in remote sensing, geology, and surveying.

Guest Editors

Prof. Dr. Chao Chen

Dr. Tao Chen

Dr. Yanni Dong

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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