Special Issue

GIS and Remote Sensing in Soil Mapping and Modeling

Message from the Guest Editors

Soil is one of the most important natural resources on our planet and is essential for sustainable agriculture and food production. We encourage submissions that highlight the use of cutting-edge GIS and remote sensing technologies, as well as those that address the practical applications of soil mapping and modeling in real-world scenarios. Overall, this Special Issue will provide a platform for researchers and practitioners to share their knowledge and experiences in the field of soil mapping and modeling, and contribute to the advancement of this important area of research. This Special Issue invites original research articles, reviews, and case studies on the following topics:

- Remote sensing data for soil mapping and modeling;
- GIS-based soil mapping and modeling;
- Machine learning and artificial intelligence for soil mapping and modeling;
- Spatial and temporal analysis of soil properties;
- Integration of soil data with other environmental data;
- Uncertainty and error analysis in soil mapping and modeling;
- Applications of soil mapping and modeling in agriculture, forestry, and land-use planning.

Guest Editors

Dr. Xiaoling Wu

Dr. Chong Luo

Dr. Liujun Zhu

Dr. Xiaoji Shen

Deadline for manuscript submissions

closed (30 June 2024)

About the Journal

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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