



## Remote Sensing of Soil Properties

Guest Editors:

**Dr. Travis W. Nauman**

US Geological Survey, Southwest  
Biological Science Center, Moab,  
UT 84532, USA

**Dr. Jonathan J. Maynard**

Sustainability Innovation Lab at  
Colorado (SILC), University of  
Colorado, Boulder, CO 80303,  
USA

Deadline for manuscript  
submissions:

**closed (30 November 2021)**

### Message from the Guest Editors

The spatial and temporal variability of soil properties (e.g., particle size distribution, pH, salinity, moisture dynamics, and nutrient availability) are important to understand environmental function and ecosystem services. With the increased availability of remote sensing products and computing resources, detailed characterization of soil properties across time and space is becoming more feasible and important for many applications ranging from earth system models to local land management decision-making toolsets.

We invite you to contribute a paper to this Special Issue to highlight new methods or sensors to improve characterization of soil properties with remote sensing. This may include new unmanned aerial vehicle (UAV) approaches, aerial photography, lidar, gamma radiometrics, hyperspectral sensors, satellite imagery archives, or novel new sensors to improve mapping and understanding of soil properties in both space and time. We also invite papers utilizing remote sensing in new predictive workflows for digital soil mapping with a particular focus on improving accuracy for the production of 'user-ready' products.





an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

**Journal Rank:** JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

## Contact Us

---

*Remote Sensing* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)