



## Application of Remote Sensing for Mining, Energy and Environmental Engineering

Guest Editors:

**Prof. Dr. Radosław Juszcak**

Department of Ecology and  
Environment Protection, Poznan  
University of Life Sciences, 60-637  
Poznan, Poland

**Prof. Dr. Krzysztof Tajduś**

Strata Mechanics Research  
Institute, Polish Academy of  
Sciences, Cracow, Poland

**Prof. Dr. Paweł Ocłoń**

Energy Department, Faculty of  
Environmental and Energy  
Engineering, Krakow University of  
Technology, Al. Jana Pawła II, 31-  
864 Krakow, Poland

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Mining, power, and environmental engineering activities are crucial for human existence and development worldwide.

Remote sensing is a powerful tool that can be used to monitor the tailings storage facility; stockpile; mining and post-mining inducted ground deformations; open-pit mines; slope design; hydro-, wind-, and solar-power installations; surface deformations around geothermal power plants, as well as their impact on the environment. Ground-, UAV-, airborne-, or spaceborne-based RS approaches and platforms can be integrated with modelling in order to increase the efficiency and complementarity of monitoring activities at different temporal and spatial scales.

We are interested in high-quality submissions that use remote sensing to study any aspects of the environmental impact of mining, as well as power and environmental engineering infrastructures and activities. Special focus should be given to the innovative application of novel RS platforms, sensors, and models. For energy engineering applications, we are highly interested in applications of remote sensing for photovoltaics and wind energy. Studies integrating remote sensing with modelling are particularly welcome.





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)