Special Issue

VNIR-SWIR Spectroscopic and Remote Sensing Applications to Earth Science and Environmental Issues

Message from the Guest Editors

Dear colleagues. With the rapid growth in high spectral and spatial resolution remote sensing especially the drone-based systems, it is critical to validate the quality and quantity assessment models established from surface reflectance and earth surface materials. The highly dynamic and spatially heterogeneous local environmental conditions complicate the inversion models for surface properties observed by multiple platforms. The objectives of this special issues are to assemble concurrent contributions on calibrating VNIR-SWIR sensors at different levels of remote sensing platforms from spectroscopic analyses. Case studies of spectroscopic analysis of earth and environmental issues such as water quality, mineral resources, soil peoperties, and organic matters are welcome, as well as review contributions. Dr. Tien Yin Chou

Guest Editors

Prof. Dr. Jaehyung Yu Department of Earth, Environmental & Space Sciences, Chungnam National University, Daejeon 34134, Republic of Korea

Dr. Lei Wang Louisiana State University, USA

Deadline for manuscript submissions closed (30 June 2021)



an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



mdpi.com/si/39340

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

mdpi.com/journal/ remotesensing





an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



MDPI

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 peerreview 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

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)