Special Issue

Innovative Remote Sensing for Monitoring and Assessment of Natural Resources

Message from the Guest Editors

Adequate monitoring and assessment of the condition of natural resources remains a prerequisite for supporting environmental decisions and for tracking effects over time. This special issue aims to summarize the latest progress in techniques and algorithms developed for monitoring and assessment of natural resources. Authors are invited to contribute to this special Issue of Remote Sensing by submitting an original manuscript. Contributions may focus on, but are not limited to:

- new and improved algorithms for data processing and information extraction related to natural resources;
- application of multi-sensor and multi-scale approaches;
- multi-temporal analysis of imagery to define trends over time;
- effects of land-cover changes on natural resources e.g. urbanization, desertification;
- close-range sensing applications, e.g. from remotely piloted aircraft systems;
- quantification of risk and hazard related to natural resources;
- new possibilities available from new sensors and platforms;

Guest Editors

Dr. Francesco Pirotti

Prof. Dr. Mitsunori Yoshimura

Prof. Dr. Baoxin Hu

Deadline for manuscript submissions

closed (30 November 2019)



an Open Access Journal by MDPI

Impact Factor 4.1 CiteScore 8.6



mdpi.com/si/17329

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





About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)

