Special Issue

Remote Sensing for Cropping Systems and Bare Soils Monitoring and Optimization

Message from the Guest Editors

remote sensing (RS) and Earth Observation (EO) information is central for detecting crop type, monitoring crop growth and development, plant health, productivity and managing nutrient optimization programs in agricultural systems. Remote sensing information can also be used for gaining insights into mechanisms plants use to respond to climate change and other adversities across diverse ecosystems, and for optimizing the cropping systems in a more sustainable way. This Special Issue is thus aiming at garnering state-of-the-art RS/EO-based research to retrieve and model crop types and yields, bare soils, and cropping systems and relative economic and environmental performances. Implementing AI/machine learning and deriving empirical scenarios on cropping systems and bare soils management optimization is encouraged.

Guest Editors

Dr. Ephrem Habyarimana

CREA Research Center for Cereal and Industrial Crops, 40128 Bologna, Italy

Dr. Nicolas Greggio

Biological, Geological, and Environmental Sciences Department (BiGeA) and Interdepartmental Centre for Environmental Sciences Research, Alma Mater Studiorum – Bologna University, Operative Unit of Ravenna, Via S. Alberto, 163 - 48123 Ravenna, Italy

Deadline for manuscript submissions

closed (28 February 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

mdpi.com/si/68739

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

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

mdpi.com/journal/remotesensing

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

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)

MDPI