Special Issue

Remote Sensing Role in Emergencies Seen from the Sky

Message from the Guest Editors

The science of remote sensing allows us to detect, measure, and model changes and events that occur on Earth's surface and in the atmosphere. There are satellites that by optical depth can measure the concentrations of NO2, CO, and aerosols in the atmosphere (e.g., the OMI instrument on the Aura platform, the AIRS and MODIS instruments on the Aqua platform, or the recent Sentinel-5P). In addition, there are satellites that have an infrared thermal band that can be used to estimate and study the change of the Land Surface Temperature (LST) before, during, and after the lockdown periods (e.g., Sentinel-3A/SLSTR, MODIS/MOD11A1 with daily measurement, MODIS/MOD11A2 with 8-day measurement, or Landsat 8, 7, 5 Level-2 Surface Reflectance).

We would like to invite you to contribute papers that study these topics of correlation between, for example, LST and air pollution, the impact of climate change and the complex crises of population and territory, such as, for example, droughts, forest fires, ice melting, floods, and other manmade and natural risks, and their consequences affecting stability and economic aspects.

Guest Editors

Dr. Valerio Baiocchi
Department of Civil Construction and Environmental Engineering, Sapienza University of Rome, 8, 00184 Rome, Italy

Dr. Roberta Onori
European Union's SatCen, Madrid, Spain

Deadline for manuscript submissions

closed (15 December 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/137155

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

mdpi.com/journal/remotesensing

MDPI

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

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 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)