Special Issue

Remote Sensing for Near-Real-Time Disaster Monitoring

Message from the Guest Editors

There is a need to better describe capabilities, educate decision-makers on the utility of the products, and demonstrate the impact products can have on the decision-making process in order to save lives and minimize property damage and the negative economic impact resulting from natural disasters. This Special Issue will focus on the application of near-real-time optical, thermal, and synthetic aperture radar (SAR) satellite remote sensing systems to detect and monitor critical observables associated with natural disasters such as earthquakes and wildfires, flooding, landslides, drought, and wind or hail damage resulting from weather-related events including tropical storms, hurricanes, and other severe storms. Relevant research and application topics for inclusion in the Special Issue should 1) demonstrate new methods to retrieve geophysical parameters from near-real-time satellite data to detect and/or monitor natural disasters or 2) present other innovative methods and applications of near-real-time remote sensing data for disaster detection and monitoring.

Guest Editors

Dr. Gary Jedlovec
NASA / Marshall Space Flight Center

Dr. David Green
NASA Headquarters

Deadline for manuscript submissions

closed (15 March 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/43281

Remote Sensing
Editorial Office
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 4.1
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)