Special Issue

Artificial Intelligence, Big Data and Computer Vision in Remote Sensing for Natural Disaster Impact Assessment

Message from the Guest Editors

Natural disasters are extreme events within the Earth's system that may have a catastrophic impact on the environment and humanity. Efficient disaster management is crucial in the aftermath of a disaster for a speedy recovery with minimal possible loss. Effective recovery planning requires fast and accurate disaster impact assessment, and remote sensing provides big data to facilitate such assessments. This Special Issue focuses on open big data, computer vision, and artificial intelligence methods that can be used to process remote sensing data for aftermath impact assessment.

Keywords:

- Computer vision
- Big data
- Artificial intelligence
- Remote sensing
- Disaster impact assessment
- Disaster management
- Change detection
- Object recognition
- Open data

For more information:
https://www.mdpi.com/si/68463

Guest Editors

Prof. Dr. Turgay Celik

Prof. Dr. Terence Van Zyl

Prof. Dr. Elif Sertel

Prof. Dr. Chang-Wook Lee

Deadline for manuscript submissions

closed (31 October 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/68463

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

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 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.

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)

MDPI