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

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Deadline for manuscript submissions

closed (31 October 2021)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 8.3

mdpi.com/si/68463

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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.

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