Advances in Remote Sensing of Post-fire Environmental Damage and Recovery Dynamics

Guest Editors:

Dr. Alfonso Fernández-Manso
Applied Ecology and Remote Sensing Group, Agrarian Science and Engineering Department, University of León, Av. Astorga s/n, 24400 Ponferrada, Spain

Dr. Carmen Quintano
1. Electronic Technology Department, School of Industrial Engineering, University of Valladolid, 47011 Valladolid, Spain
2. Sustainable Forest Management Research Institute, University of Valladolid-Spanish National Institute for Agriculture and Food Research and Technology (INIA), 34004 Palencia, Spain

Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

We welcome submissions that cover but are not limited to:

- Global trends in mapping burned and burn severity in local and regional areas using the remote sensing approach;
- Wildfire severity evaluation and land monitoring with big data and artificial intelligence classification;
- Remote sensing-based assessment of post-fire forest patterns monitoring successional stages;
- 3D mapping by photogrammetry, LiDAR, and SAR in post-fire studies;
- New hyperspectral sensors applications in post-fire studies;
- Ultra-high spatial resolution using unmanned aerial vehicles (UAV) in post-fire studies;
- Improved methods of modeling image time-series for fire disturbance recovery;
- Understanding wildfire behavior and ecology behavior within and around the wildland–urban interface (WUI);
- Impact of climate change on forest fire severity and consequences for ecosystem recovery;
- Fire severity and recovery dynamics in Reducing Emissions from deforestation and degradation programs (REDD+).

Special Issue

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

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.

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)

Contact Us