remote sensing

an Open Access Journal by MDPI

IMPACT FACTOR 5.0

CITESCORE 7.9

Remote Sensing of Wildfires under Climate Change

Guest Editors:

Dr. Thomas Katagis
Department of Forestry and Management of Environment and Natural Resources, Democritus University of Thrace, 68200 Orestiada, Greece

Dr. Dimitris Stavrakoudis
Laboratory of Forest Management and Remote Sensing, School of Forestry and Natural Environment, Aristotle University of Thessaloniki, P.O. Box 248, 54124 Thessaloniki, Greece

Dr. Ioannis Gitas
Lab of Forest Management and Remote Sensing, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Deadline for manuscript submissions:
closed (10 March 2024)

Message from the Guest Editors

In this Special Issue, we invite scientific contributions to the exploitation of new and/or advanced remote sensing and geospatial methods in fire-related research at local to global scale. The specific topics include:

- The exploitation of Earth Observation continuity/synergy missions for fire monitoring: from MODIS to VIIRS and Sentinel-3 and from Landsat to Sentinel-2
- New algorithms for burned area mapping, focusing on data fusion approaches
- Monitoring and modeling vegetation recovery after fire disturbance
- Characterizing fire behavior and fire regimes under different climatic projections
- Investigation of interactions between climate, fire occurrence, and human interventions
- Exploiting Big Data platforms and cloud computing for monitoring fire activity at a regional to global scale
- Validation and evaluation of global fire products generated by international initiatives
- Remote sensing products in support of wildfire mitigation policies' designing and/or adaptation
- New approaches in modeling risk and designing prevention measures in sensitive wildland-urban interface (WUI) areas

mdpi.com/si/133423

Special Issue

remote sensing

IMPACT FACTOR 5.0

CITESCORE 7.9

an Open Access Journal by MDPI

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

Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI