

Special Issue

Remote Sensing of Wildfires under Climate Change

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

Guest Editors

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Deadline for manuscript submissions

closed (10 March 2024)



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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.

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