Special Issue

Remote Sensing of Forest Fire: Data, Science and Operational Applications

Message from the Guest Editor

Remote sensing technologies have long been considered as a key tool for fire data, science, modelling, management, and monitoring. The most recent developments in computer technology, data processing, artificial intelligence, deep learning approaches, and geospatial data mining techniques, etc. and are expected to significantly support and improve fire science and operational applications. We invite you to submit articles on topics including, but not limited to, the following:

- Earth observation (optical, SAR, UAV, and LiDAR) as a tool for data science and operational applications
- Advanced geospatial data mining techniques
- Integration of satellite, aerial/drone, and in situ observation in the Copernicus Era
- Fire disturbance monitoring at multiple spatio-temporal scales
- Deep learning approaches for fire science and applications
- Advances in remote sensing of forest fire fuel mapping
- Data integration for fire and post fire geo-hazards risk mitigation and management
- Earth big data for monitoring and mapping fire and post-fire induced risk
- Fusion and integration of data and information from multiple sources
- ....

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2021)

Remote Sensing

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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.

Editor-in-Chief

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