Special Issue

Remote Sensing of Biomass Burning

Message from the Guest Editors

Biomass burning in wildfires and prescribed fires is the combustion of organic matter, releasing energy stored by photosynthesis and generating trace gases including water vapor and smoke particles. This Special Issue aims to collect articles concerning new developments and methodologies, best practices and applications of remote sensing in fire detections, biomass burning estimates, and air quality monitoring. We invite you to submit your most recent advancements on all relevant aspects of biomass burning remote sensing using observations from Landsat, Sentinel-2, MODIS, VIIRS, and geostationary satellites, including, but not limited to, the following topics:

- Active fire detections and burned area estimates
- Biomass burning emissions at local and global scales
- Evaluation and validation of the estimation of biomass burning
- Application of biomass burning emissions for air quality monitoring and forecasting
- Comparison of biomass burning monitoring from different satellite sensors.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2020)

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Message from the Editorial Board

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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