Special Issue

Advances in Remote Sensing of Biomass Burning

Message from the Guest Editors

The main goal of this special issue is to make use of the advanced active and passive remote sensing methods, for determining or understanding the geometry, optical and microphysical properties of biomass burning smoke, at source's location and/or remote locations. Topics of interest include, but are not limited to:

- Remote sensing of biomass burning using ground, airborne and/or satellite lidars
- Remote sensing of biomass burning using photometry and radiation measurements at ground, airborne or satellite
- Synergic approaches of active and passive remote sensing, ground and airborne/satellites instrumentation
- Remote sensing of biomass burning versus smoke transport models
- Characterization of the optical and microphysical properties of short- and/or long-range transported smoke
- Studies of the biomass burning sources in relation with smoke observations in remote locations
- Biomass burning studies using data from lidar networks (e.g. EARLINET, MPLNET, CIS-LINET, GALION AD-Net, LALINET, NDACC)
- Near real time monitoring of biomass burning smoke using active remote sensing networks

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Deadline for manuscript submissions

closed (15 March 2022)

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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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