

Special Issue

Remote Sensing and Pyrogeography

Message from the Guest Editor

Since the 1970s, progress in remote sensing of land surfaces has revealed the pervasiveness and global scope of vegetation burning. Satellite-based earth observation provides essential data for pyrogeography, the study of spatial and spatio-temporal patterns of fire activity and their relationship with climate, vegetation, topography, and ignition sources. For this Special Issue, we invite submissions that address topics such as: 1) the contribution of recent earth observation satellites to pyrogeography; 2) the use of long-term datasets for robust characterization of fire activity patterns at landscape and global scale; 3) the use of remotely sensed fire data in fire-enabled dynamic vegetation models; 4) empirical modelling of the relationships between remotely sensed fire data and key environmental and socio-cultural drivers; 5) developments in Big Data processing of remotely sensed data for global pyrogeography; 6) new remotely sensed datasets; 7) spatio-temporal trends in vegetation burning.

Guest Editor

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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

Dr. Prasad S. Thenkabail

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