



Remote Sensing and Pyrogeography

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submissions:

closed (31 August 2020)

Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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