Special Issue

Remote Sensing in Monitoring Forest Fires and Other Disturbances

Message from the Guest Editor

Remote sensing, especially using satellite images, in combination with geographic information systems (GISs), is an excellent working tool. Considering that both NASA and ESA allow free access to Landsat and Sentinel 2 images, respectively, and that any user can download free software for processing georeferenced information, the conditions have been met for the realtime monitoring of burned areas and the study of the dynamics of land use and occupation concerning what has been burned and what grew or occurred in these areas. Thus, the use of remote sensing techniques in the form of satellite images in combination with geographic information systems enables the analysis and monitoring of forest/rural fires as well as other disturbances that occur in forests. This Special Issue invites the presentation of manuscripts that use remote sensing technologies, data collection, and image processing methodologies that can be successfully applied in pre-fire mapping and post-fire damage assessment, as well as for the monitoring of other disturbances of forest environments that result from forest fires.

Guest Editor

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Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have Forests be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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