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New Trends in Forest Fire Research Incorporating Big Data and Climate Change Modeling

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Deadline for manuscript submissions:
closed (31 December 2018)

Message from the Guest Editors

Dear Colleagues,

The workshop and proposed Special Issue focuses on global systems for monitoring wildfires, as well as the missions providing data for this purpose, and the modeling endeavors with regards to climate change, considering the contribution of forest fires. We invite you to submit articles on the following topics:

(1) Studies on the impact of climate change on forest fires occurrence and severity;
(2) Contribution of the current and upcoming Sentinel missions on forest fire research;
(3) Exploitation of Big Data and dense satellite time-series for fire disturbance monitoring;
(4) Improved methods of modelling post-fire vegetation trends;
(5) Improved capabilities for sharing / understanding / modelling large-volume fire data sets;
(6) Methods of forest fire detection and monitoring on multiple scales

Prof. Ioannis Gitas
Dr. Vincent Ambrosia
Dr. Chariton Kalaitzidis
Guest Editors

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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.

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