

Special Issue

Spatio-Temporal Monitoring of Forest Fires and Vegetation

Message from the Guest Editors

Forest dynamics monitoring is crucial for forest management operations, ecosystem and biodiversity preservation, tracking climate change effects, and wildfire prevention, control, and recovery. The large variety of remote sensing platforms (satellite, aerial, UAV, and terrestrial), imagery (multispectral and hyperspectral), and resulting products (i.e., time series and photogrammetric point clouds) are contributing to both the large-scale and fine characterization of forests. In this Special Issue, we aim to collect contributions about new advances in remote sensing laser scanning systems, data sets, methods, and tools used to map and monitor vegetation from a spatiotemporal perspective, with a special emphasis on the prevention and mitigation of forest fires and the interpretation and analysis of the evolution of forest landscapes through the application of these techniques. **Keywords:** forest structure
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spatial analysis
vegetation monitoring

Guest Editors

Prof. Dr. Luis A. Ruiz

Geo-Environmental Cartography and Remote Sensing Group (CGAT),
Universitat Politècnica de València, Camino de Vera s/n, 46022
Valencia, Spain

Dr. Pablo Crespo-Peremarch

GeoEnvironmental Cartography and Remote Sensing Group (CGAT),
Department of Cartographic Engineering, Geodesy and
Photogrammetry, Universitat Politècnica de València, Camí de Vera s/n,
46022 València, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,
I-25121 Brescia, Italy

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