



fire



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Multi-Source and Multi-System Fire Monitoring Relying on EO Data in Mediterranean Ecosystems

Guest Editors:

Dr. Daniela Stroppiana

Institute for Electromagnetic
Sensing of the Environment,
Italian National Research
Council, (IREA-CNR), 7-00185
Roma, Italy

Dr. Mirco Boschetti

Institute for the Electromagnetic
Sensing of Environment, National
Research Council, Via Corti 12,
20133 Milan, Italy

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Message from the Guest Editors

Dear Colleagues,

Fire is the most important natural threat to forested and wooded regions of the Mediterranean basin. In the last few years, severe fire events hit countries in Southern Europe, for example, in 2017 when large fires in Portugal and Greece caused economic and environmental damage, including loss of lives, infrastructures, and ecosystem services.

Climate change, one of the major drivers of warmer and drier conditions in Southern Europe, combined with other environmental and socioeconomic factors could affect fire regimes by exacerbating fire occurrence and severity (longer fire seasons, more frequent fire events); extreme fire seasons are likely to be more and more common in southern Europe. Observed and predicted trends of future climate scenarios depict an increased risk of large fires hence major efforts should be focused on new strategies for reducing their impacts.

This Special Issue will collect contributions for a better understanding of fire dynamics, fire regimes, and fire impacts in Mediterranean Ecosystems.



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Special Issue