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Mediterranean Forest Monitoring Using Optical and Microwave Remote Sensing

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Deadline for manuscript submissions:
closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

Forests and woodlands are the most widely distributed vegetation ecosystems on the planet, covering approximately 4000 million ha. The importance of forest monitoring is universally recognized, due to the role played by forests in provisioning a large number of different services and in acting as the main terrestrial carbon sink. In this respect, the remote sensing of forest parameters using satellite sensors is undoubtedly appealing.

Beside the widely used visible/infrared Radiometers and LiDAR, the sensors operating in the microwave portion of electromagnetic spectrum well demonstrated their capabilities in monitoring forests at both local and global scale.

This special issue aims at exploiting the capabilities of microwave and optical/infrared sensors, in estimating the main forest parameters. Particular focus will be given to Mediterranean forests, which represent a very complex environment, due to their spatial fragmentation, heterogeneity and discontinuity in canopies that affect significantly the retrieval.

Dr. Emanuele Santi
Dr. Simonetta Paloscia
Guest Editors

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Special Issue

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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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