Special Issue

High-Resolution Thermal Imaging for Vegetation Monitoring

Message from the Guest Editors

Thermal infrared remote sensing provides a unique tool for understanding physical processes involving vegetation and atmosphere interactions. Measuring plant temperatures enables modelling of the energy balance, providing insights of the surface's properties and physiological processes in vegetation, mainly related to the plant water status. This Special Issue seeks to attract manuscripts dealing with novel applications of high-resolution thermal imaging for a range of applications in vegetation monitoring, both in crops and natural vegetation. We encourage potential authors to submit studies involving the use of very high-resolution imagery, on-board of manned and unmanned aerial platforms. Manuscripts covering acquisition and calibration aspects of thermal imaging are also welcome.

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Deadline for manuscript submissions

closed (22 March 2019)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/15190

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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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