

Special Issue

Thermal Infrared Remote Sensing and Its Application to Land Surface Parameters

Message from the Guest Editors

Thermal infrared remote-sensing is a unique way to obtain an accurate surface temperature that is one of the most important physical environmental variables monitored by earth-observing remote-sensing systems. Global changes in temperature endanger the environment; they must be monitored and consequently affect well-being. Surface temperature is a key parameter that must be monitored. This Special Issue seeks contributions ranging from review papers to basic research. The focus will be on LST (Land Surface Temperature) rather than on SST (Sea Surface Temperature), where the physical processes involved are quite different. The scopes of this Special Issue are to present the latest studies on the retrieval of LST with a focus on the underlying physics and image processing techniques and on applications that use the LST to obtain a deeper understanding of land surface temperatures and dynamics, urban heat island effects, forest fires, volcanic eruption precursors, geothermal systems, and soil-moisture variability.

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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