



Advances in Thermal Infrared Remote Sensing

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Message from the Guest Editors

Thermal infrared (TIR) remote sensing plays an increasingly important role in Earth observation, especially with the intensifying global warming and drying. This Special Issue aims to invite papers focusing on recent advances in TIR remote sensing, with the goal of facilitating a better utilization of future TIR missions. Topics may range from theoretic modeling and algorithm development to different applications. Topics for this Special Issue include, but are not limited to:

Deadline for manuscript
submissions:
closed (5 September 2023)

- Land surface temperature retrieval and evaluation;
- Thermal infrared radiative transfer modeling;
- Surface energy balance modeling;
- Evapotranspiration and water stress;
- Surface radiation budget;
- Ecosystem functioning;
- Urban thermal environment;
- Geologic exploration.





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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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Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

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