

Special Issue

Advances in Thermal Infrared Remote Sensing

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:

- 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.

Guest Editors

Dr. Tian Hu

Dr. Mengmeng Wang

Dr. Vicente Burchard-Levine

Dr. Gilles Boulet

Dr. Jean-Louis Roujean

Deadline for manuscript submissions

closed (5 September 2023)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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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

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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