

Special Issue

Thermal Infrared Remote Sensing for the Climate Adaption of Landscapes and Urban Areas

Message from the Guest Editors

We are pleased to introduce a new Special Issue which focuses on thermal infrared remote sensing at regional to local scales. The aim of the Special Issue is to showcase a collection of proof-of-principle and proof-of-concept studies that are applicable for local authorities and linked to the SI key topics, including but not limited to:

- Advances in TIR techniques applicable to local and regional management scale, i.e., sensors and methods for high spatial and spectral resolution TIR observations
- Scientifically based case reports of airborne and UAV-based TIR campaigns, i.e., to study and visualise the feedback of green infrastructure and LST, soil moisture estimation, and soil erosion in agriculture
- Approaches for multi-source data integration, i.e., to calculate emissivity, and the combination of NIR, SWIR, TIR hyperspectral data
- Studies using TIR-based observations for data assimilation into local climate, plant growth, or hydrological models.

Guest Editors

Prof. Dr. Marion Pause

Dr. Angela Lausch

Dr. Milena Marković

Deadline for manuscript submissions

closed (20 November 2022)



Remote Sensing

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Impact Factor 4.1
CiteScore 8.6



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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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