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

Guest Editors:

Prof. Dr. Marion Pause

Dr. Angela Lausch

Dr. Milena Marković

Deadline for manuscript submissions:
closed (20 November 2022)

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.

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Editor-in-Chief

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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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