



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

Guest Editors:

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**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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## Message from the Editorial Board

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