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# Remote Sensing for Land Surface Temperature and Related Applications

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Message from the Guest Editors

Contributions toward LST-related applications in the field of climatic, urban, energy, hydrological, ecological, and biogeochemical research; on the development of algorithms for the improvement of the spatial resolution of data; on new satellite missions that can improve the temporal resolution of data; and on the use of cloud computing systems are welcome. Special consideration will be given to contributions that demonstrate the role of LST for energy studies, drought detection, and climate change adaptation or mitigation at the urban scale.

- Novel application of LST products.
- Studies exploring long-term series of LST as well as the link between the LST and other variables, through cloud computing platforms.
- LST as a predictor of atmospheric or climatic events.
- Using LST to improve land products.
- Downscaling techniques to improve the spatial resolution of LST products.
- New satellite missions in support of the extraction of LST.
- LST and climate change.
- LST in relation to urban form, urban fabric, and urban functions.
- Inter-relationships between the near surface air temperature and LST.
- LST acquired by Unmanned Aerial Vehicles (UAVs).



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## **Editor-in-Chief**

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### Message from the Editor-in-Chief

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