Special Issue

Remote Sensing for Land Surface Temperature and Related Applications

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).

Guest Editors

Prof. Dr. Constantinos Cartalis
Department of Physics, National and Kapodistrian University of Athens, 15784 Athens, Greece

Dr. Ilias Agathangelidis
Department of Environmental Physics and Meteorology, National and Kapodistrian University of Athens, Athens, Greece

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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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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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