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Remote Sensing of Evapotranspiration (ET)

Guest Editors:

Dr. Prasanna Gowda
USDA-ARS Grazinglands Research Laboratory, 7207 West Cheyenne Street, El Reno, OK 73036, USA

Dr. Pradeep Wagle
USDA-ARS Grazinglands Research Laboratory, 7207 West Cheyenne Street, El Reno, OK 73036, USA

Deadline for manuscript submissions:
closed (31 March 2019)

Message from the Guest Editors

The main goal of this special issue is to report on advances in development and applications of ground-based evapotranspiration (ET) measuring instruments/sensors (Lysimeter, neutron probes, Eddy covariance, Bowen ratio, scintillometer, ET gauges, etc.) as well as remote sensing techniques for mapping ET/crop water use at plot, field, landscape and regional scales. Contributions on ET measurements, modeling and mapping may include (1) evaluation of existing/new instruments for their ability to measure ET/surface energy fluxes; (2) recent advances in remote sensing based ET models; and (3) application of remote sensing based ET models. Papers on coupling of CO2 fluxes and ET, and water use efficiency will also be considered.

- Evapotranspiration
- Water use efficiency
- Thermal remote sensing
- Drought management
- Groundwater management
- Irrigation management
- Watershed modeling
- Surface energy balance models

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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

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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Remote Sensing Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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