

Special Issue

Remote Sensing of Evapotranspiration (ET)

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

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)



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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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About the Journal

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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