



Remote Sensing of Evapotranspiration (ET)

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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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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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