Special Issue

Remote Sensing-Based Evapotranspiration Models

Message from the Guest Editors

Evapotranspiration (ET) plays a significant role in local, regional, and global climate by impacting relationships between land-use/land cover change and microclimate/climate energy balance in the hydrological cycle and has important applications in agriculture and natural system. Over the years, various remote sensing-based techniques have been developed to understand and estimate ET and its interactions over local to regional spatial scales. This special issue aims to provide a forum of discussion for recent developments and advances in Remote Sensing-based ET models and their applications in diverse ecosystems and agrometeorological conditions. The special issue aims at targeting studies related to the advances of large-scale remote sensing-based ET modeling, model and algorithm validation, uncertainty analysis, and calibration aiming at improvements of surface energy and water vapor fluxes computations under different climate and land-use scenarios.

Guest Editors

Dr. Vivek Sharma

Agricultural and Biological Engineering Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL 32611, USA

Dr. Aditya Singh

Department of Agricultural and Biological Engineering, University of Florida, Gainesville, FL 32611, USA

Deadline for manuscript submissions

closed (15 March 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/86102

Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

mdpi.com/journal/remotesensing

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/journal/remotesensing

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank:

JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)