Special Issue

Estimation of Crop Coefficients and Evapotranspiration through Remote Sensing

Message from the Guest Editors

The accurate estimation of agro-meteorological variables such as crop coefficient, soil moisture, evapotranspiration, transpiration, irrigation water, crop yield, and gross primary productivity is very improtant for agricultural water management, irrigation scheduling, water use efficiency, and global food security. This Special Issue will focus on the estimation of agro-meteorological variables (e.g., crop coefficient, evapotranspiration, soil moisture, leaf area index, and land surface temperature) over crop lands using remote sensing data and hydrological models. We welcome original research articles and reviews in this Special Issue. Research areas may include (but are not limited to) the estimation of crop coefficient and evapotranspiration, soil moisture, irrigation water, crop yield, gross primary productivity, land surface temperature, water use efficiency, and leaf area index by incorporating remote sensing data into physical hydrologic, machine learning, data assimilation, and hybrid approaches.

Guest Editors

Prof. Dr. Tongren Xu

Dr. Sayed M. Bateni

Dr. Xiang Li

Dr. Xinlei He

Deadline for manuscript submissions

closed (30 September 2024)

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

mdpi.com/journal/remotesensing

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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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