Special Issue

Evaluation of Ecological Environment Quality Using Remote Sensing

Message from the Guest Editors

The assessment of ecological environment quality (EEQ) plays a pivotal role in promoting sustainable development, conserving biodiversity, and safeguarding human well-being. Remote sensing has emerged as a vital technology in this domain, offering spatially explicit, temporally continuous, and cost-effective means of evaluating ecological conditions across scales—from local landscapes to global biomes. Advances in multispectral, hyperspectral, thermal, and LiDAR remote sensing, combined with sophisticated data analytics, now enable comprehensive and dynamic assessments of vegetation, water bodies, soil degradation, and atmospheric quality.

This Special Issue aims to gather cutting-edge research on the application of remote sensing technologies for the evaluation, monitoring, and prediction of ecological environment quality. We especially encourage submissions that address current challenges such as data integration, uncertainty quantification, and the linkage of remote sensing products with socio-ecological systems and policy frameworks.

Guest Editors

Dr. Qifei Zhang

Dr. Gonghuan Fang

Dr. Shuhua Zhang

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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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