Special Issue

Advanced Studies in Monitoring Inland Waters through Remote Sensing Techniques

Message from the Guest Editors

Both climate change and human activity impact the quantity and quality of inland waters, which significantly affect regional and global water and carbon cycles. Although some field monitoring has been carried out for typical inland water bodies, very little is known about large-scale changes in water quantity and quality in most inland water bodies. Through various remote sensing techniques and their combination with filed monitoring data, inversion models can be established to detect changes in inland water quantity and quality at different spatial and temporal scales, and to analyze the causes and mechanisms of these changes; these are key to further understanding changes in inland water bodies with regard to regional and global water and carbon cycles. This Special Issue invites authors to contribute research results on the mapping and monitoring of inland water quantity and quality, remote sensing spectral analysis and inversion models for inland waters, the laws of spatial and temporal variation in water quality, and analyses of water balance change and its causes.

Guest Editors

Prof. Dr. Liping Zhu

Prof. Dr. Chunqiao Song

Prof. Dr. Xingong Li

Deadline for manuscript submissions

closed (31 October 2023)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/157181

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

mdpi.com/journal/remotesensing

MDPI

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)