Special Issue

Remote Sensing of Water Resources Vulnerability

Message from the Guest Editors

Water is an essential resource for ecosystems, human life, and anthropogenic activities. In recent years, pressure on water resources has strongly increased, leading to the reduction of surface water storage and the depletion of aquifers worldwide. Current (e.g., satellite images, radar and lidar altimetry, GRACE) and future (e.g., SWOT, THRISHNA, ...) Earth Observation missions have a strong potential for better monitoring the different components of the terrestrial water cycle and, hence, characterizing the vulnerability of water resources at different spatial and temporal scales. This Special Issue aims to present reviews and recent advances of general interest in the use of remote sensing observations for the characterization of the vulnerability of water resources in the context of global change including climate change, anthropogenic factors, and their feedback. Manuscripts can be related to any aspect of water resource vulnerability using satellite or AUV observations. They could be related to either new methodological developments or new advances in sensors or original studies related to water resources vulnerability from local to global scales.

Guest Editors

Dr. Frédéric Frappart

Dr. Luc Bourrel

Dr. Thibault Catry

Dr. Pham-Duc Binh

Deadline for manuscript submissions

closed (10 January 2024)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/123626

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

MDPI

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)