remote sensing

IMPACT FACTOR 4.2

CITESCORE 8.3

an Open Access Journal by MDPI

Optical Remote Sensing for Surface Water Parameters Retrieval

Guest Editor:

Dr. Mathew Grant Allan
Water, Science and Strategy, Waikato Regional Council, Hamilton, New Zealand

Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editor

Remote sensing of inland water quality is challenging, and often hampered by optically complex Case II waters. However, recent publications have addressed these challenges and demonstrated that the operational remote sensing of inland waters is feasible provided that limitations are discussed. This Special Issue encourages papers that address challenges in innovative ways, or that demonstrate the application of previously published methodology in the operational remote sensing of optically active water quality constituents in inland waters. Potential topics could include:

- Influence of atmospheric correction on the retrieval accuracy of optically active constituents in inland water;
- Addressing adjacency effects in remote sensing of inland waters;
- Detecting harmful algal blooms – distinguishing cyanobacteria from algae;
- Remote sensing of water quality in extremely eutrophic or turbid inland waters;
- Remote sensing of water quality in oligotrophic inland waters;
- Application of innovative tools or software (e.g., Google Earth Engine, cloud computing).

remote sensing

IMPACT FACTOR 4.2

CITESCORE 8.3

an Open Access Journal by MDPI

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

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.

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)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
𝕏@RemoteSens_MDPI