



an Open Access Journal by MDPI

Advances in Remote Sensing of Coral Reefs

Guest Editors:

Dr. Brandon Russell

Remote Sensing and Optical Systems Application Engineer, Labsphere, Inc. 231 Shaker St, North Sutton, NA 03062, USA

Prof. Heidi M. Dierssen

Department of Marine Sciences/Geography, University of Connecticut, 1080 Shennecossett Road, Groton, CT 06340, USA

Deadline for manuscript submissions: closed (22 December 2021)

Message from the Guest Editors

This Special issue will focus on newly developed technology, techniques, and analysis to enable the next generation of coral reef remote sensing. Topics include unmanned aerial and underwater vehicles, small-satellites, hyperspectral techniques and insights, bio-optical modeling, data processing, spectral signature analyses, and advances in calibration, validation, and measurement uncertainty to enable trend detection and high-quality science. Submissions which describe application to reef surveys, management, predictive modeling, and stressresponse are encouraged.

Keywords

- Small-SAT
- Hyperspectral
- Drone
- High-resolution
- Coral reef monitoring









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