Special Issue

Advances in Undersea Remote Sensing

Message from the Guest Editor

Gaining a better understanding of the marine environment has been a primary aim for humanity going back to the ancient times. Our desire to explore the ocean has recently spawned a plethora of advanced undersea remote sensing techniques and technologies that are still growing exponentially, and this Special Issue will be focused on compiling a balanced collection of papers that detail the most recent advancements in this area. Submissions are hereby invited for original research, review articles and case studies that are new contributions in the advancement of underwater remote sensing. Theoretical and experimental contributions, original and review studies, and industrial and university research is welcome. The main topics of interest include, but are not limited to, the following:

- Underwater robotics and platforms;
- Underwater sonar technology;
- Underwater optical and acoustical communications;
- Underwater lidar sensors and imagers;
- Underwater signal processing and image enhancements;
- Underwater turbulence sensing;
- Marine species detection and identification;
- Aquaculture monitoring systems;
- Machine learning for undersea remote sensing.

Guest Editor

Prof. Dr. Nicholas Makris

Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA

Deadline for manuscript submissions

closed (31 January 2019)

Remote Sensing

About the Journal

Message from the Editorial Board

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.

Editors-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

Prof. Dr. Dongdong Wang
Institute of Remote Sensing and Geographic Information Systems, Peking University, Beijing, China

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)