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

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Deadline for manuscript submissions

closed (31 January 2019)

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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

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