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Advancement in Undersea Remote Sensing II

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Deadline for manuscript
submissions:

closed (31 December 2024)

Message from the Guest Editors

Dear Colleagues,

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.



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Special Issue



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Message from the Editorial Board

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