Underwater 3D Surface Measurement

Guest Editor:

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Deadline for manuscript submissions:
closed (22 March 2022)

Message from the Guest Editor

Recently, the importance of 3D surface measurement has been increasing, not only in industrial quality management but also in underwater applications. The variety of 3D surface measurement principles is wide. Laser scanners, ultrasound methods, and structured light techniques all have their advantages and disadvantages and have each become preferred in different fields of application. However, the expectations of the users concerning the observed space, measurement time, robustness and accuracy, and the ability to perform the observations during movement are by far not yet satisfied.

In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- underwater 3D surface measurement techniques
- underwater scanning devices
- calibration
- measurement accuracy
- applications
- multimodal sensors

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Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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