

Special Issue

Pattern Analysis, Recognition and Classification of Marine Data

Message from the Guest Editor

The increasing interest of the marine science community in data science and artificial intelligence deals mainly with the expansion of the scope and scale of ocean observations. Similarly, the ubiquitous increment of automated sampling approaches based on smart sensors leads to the continuous flood of heterogeneous data. The huge amount of data produced by the ocean observing systems is fostered by the complexity of the aquatic environment, from which heterogeneous and environmental measurements are needed to explain the physical, biological, and chemical characteristics of the ocean and the functioning of the marine ecosystems.

Approaches for pattern analysis, recognition, and classification of marine data are urgently needed to extract knowledge from the acquired measurements, to define and develop intelligent services capable of managing the forthcoming new generation of intelligent observatories and vehicles and define and develop novel integrated models for understanding and predicting the ocean health status[...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/analysis_marine

Guest Editor

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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