

Special Issue

Digitalization and Greenization of Modern Marine Ranch

Message from the Guest Editor

The ocean is the “blue granary” from which humans can obtain high-quality protein sources. However, since the 20th century, marine fishery resources have been in decline globally due to overfishing, environmental pollution, and habitat destruction. In response to this situation, China proposed a plan in 2015 for modern marine ranching to promote sustainable fishing. Marine ranching refers to an artificial ecosystem that applies marine technology and management systems to restore marine habitats and enhance fishery resources. As a new type of marine fishery production approach, marine ranching has now become an effective method of changing the development mode of fisheries, improving the marine ecological environment, and guaranteeing the sustainable utilization of marine biological resources.

Guest Editor

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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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