

Special Issue

Recent Advances in Environmental Interactions of Marine Aquaculture

Message from the Guest Editor

Among food production sectors, aquaculture has achieved the most significant growth for the last decade. As with all food production, aquaculture has the capacity to cause environmental and social impacts which alter the provision of ecosystem function or give beneficial effects through the delivery of new ecosystem services. Consequently, aquaculture growth and development should be planned through an ecosystem approach to ensure wider environmental sustainability. The aim of this Special Issue is to present recent advances in the knowledge of aquaculture environment interactions. It will bring forward a wide variety of aspects, including: (i) modelling tools for spatial planning, carrying capacity, risk assessment, environmental impact and monitoring, (ii) benthic and planktonic response to disturbances, (iii) interactions with wild fauna; (iv) mitigation, remediation and recovery, (v) life cycle assessment, (vi) improvements in on-farm feeding strategies and (vii) climate change. For further reading, please visit the [Special Issue website](#)

Guest Editor

Dr. Felipe Aguado Giménez

Spanish Institute of Oceanography "El Bocal" Marine Aquaculture Center Barrio Corbanera s/n. 39012 Monte (Santander) Cantabria

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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