Special Issue

State-of-the-Art in Fish Physiology and Biochemistry in Marine Environment

Message from the Guest Editors

Anthropogenic impacts and climate change represent the main threats to biodiversity and their effects have a greater resonance in marine coastal areas, which are the ultimate receiver of pollutants, nutrients, organic matter and litter. Alterations in the state of environmental quality can have negative effects on the normal physiology of the aquatic organisms. Many of these organisms are highly sensitive to any kind of environmental change, thus representing suitable bioindicators for aquatic ecosystem monitoring. When studying the effects of pollution in marine ecosystems, understanding how toxic effects appear and how the organisms readily metabolize, detoxify and accumulate contaminants is essential to understanding ecological vulnerability and possible recovery. Also, from a climate change perspective, global warming and acidification effects have been recognized as negatively impacting the ecology and physiology of the organisms.

Guest Editors

Dr. Antonietta Specchiulli
National Research Council, Institute for Biological Resources and Marine Biotechnologies (IRBIM), Rome, Italy
Dr. Monia Renzi
Department of Life Sciences, University of Trieste, 34127 Trieste, Italy

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Journal of Marine Science and Engineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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Journal of Marine Science and Engineering (*JMSE*, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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