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.

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The *Journal of Marine Science and Engineering* (*JMSE*; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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