Special Issue

Impacts of Ocean Acidification on Marine Fishes

Message from the Guest Editor

Our oceans are changing as high levels of atmospheric CO2 dissolve into seawater and lower its pH, causing it to become more acidic. This adds to a list of pressures that are currently threatening marine fishes, including overfishing and marine pollution. The forthcoming Special Issue aims to provide an overview of recent topics dealing with the effects of ocean acidification and other climate stressors, individually or in a multi-stressor approach, on marine fishes from the tropical, temperate and polar seas, with an emphasis on reflecting on the diversity of impacts of ocean acidification. Papers will present current trends on short-term versus long-term exposure, endpoint versus multiple time-point analyses of responses, effects of energy availability and the food web effects, physiological and genomic responses, parental and transgenerational effects and adaptation potential. The manuscripts will highlight how new approaches and methodologies can enhance our understanding of the complex interactions in response to ocean acidification and warming for a better management of marine resources.

Guest Editor

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Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.
We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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