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Impacts of Ocean Acidification on Marine Fishes

Guest Editor:

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Deadline for manuscript submissions:

closed (31 March 2018)

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.



mdpi.com/si/11168

Special Issue



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Message from the Editor-in-Chief

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