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Recent Advances in Ecology, Evolution and Biodiversity of the Chondrichthyan Fauna

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Message from the Guest Editor

The loss of biodiversity and decline in populations are particularly alarming in sharks and rays, with more than one-third of species being threatened by overfishing. Considering the various negative influences on chondrichthyan populations, it is important to improve our knowledge of the biodiversity, ecology and evolution of chondrichthyans. Biodiversity research encompasses a number of disciplines, of which taxonomy is the most fundamental. Consequently, the adequate definition and differentiation of species as a key example of taxonomic research represents one of the most important fields of research in which serious deficiencies must be resolved. A better knowledge of biodiversity, ecology and evolution also provides an important basis for the selection and establishment of protected marine areas and fisheries management measures.

This Special Issue highlights new research on the biodiversity, ecology and evolution of cartilaginous fishes. We invite manuscripts focusing on taxonomic, systematic, ecological, evolutionary and conservation aspects, with the aim to build a platform to advance our knowledge of this ancient and unique, but highly threatened class of fishes.



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Special Issue



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Message from the Editor-in-Chief

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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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