

Special Issue

Genetic Connectivity, Species Diversity and Conservation Biology of Chondrichthyes

Message from the Guest Editor

Chondrichthyan, and especially elasmobranchs, are one of the most threatened marine taxa. Actions must be taken rapidly to ensure the long-term survival of these organisms, protecting both their morphologic and genetic diversity. When such cryptic diversity is at risk of extinction, the disjunction between molecular systematics research and conservation policy becomes a significant problem: an integrative approach combining species hypothesis testing and population genetics is necessary to efficiently protect this genetic richness. Therefore, considering the ecological importance of chondrichthyan, we present this Special Issue focused on various aspects of their genetic diversity, aimed towards integrating taxonomy advances in conservation planning. The scope includes, but is not limited to, the following fields: integrative taxonomy, species diversity and distribution, biogeographic patterns, evolutionary history, population genetics and conservation.

- chondrichthyan
- conservation genetics
- integrative taxonomy
- population genetics
- phylogeography

Guest Editor

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About the Journal

Message from the Editor-in-Chief

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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