

Special Issue

Population Genetics and Conservation of Fishes

Message from the Guest Editors

Fishes, the most species-rich vertebrates in the animal kingdom, are valuable samples in studies on the historical and contemporary evolution of organisms. Climate changes, overfishing and habitat losses have led to rapid declines in fish populations and species. Studies on population genetics and conservation are vital to help us understand and reduce the risk of population and species extinctions. With the fast development of sequencing-based technologies, genome-wide molecular markers provide new insights into population genetics and conservation. This Special Issue focuses on population genetics and conservation of fishes, including—but not limited to—identification of genomic signatures associated with population divergence, determination of the genetic basis of phenotypic traits possessed by different populations, processes on population over ecological time scales, linkage disequilibrium as expected for species with a large population size, adaption with selective sweeps and polygenic selection, etc.

Guest Editors

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Deadline for manuscript submissions

closed (20 September 2022)



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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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