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Marine Animal Population Genetics and Conservation

Guest Editor:

**Prof. Dr. Athanasios
Exadactylos**

Hydrobiology-Ichthyology
Laboratory, Department of
Ichthyology and Aquatic
Environment (DIAE), University of
Thessaly, Fytokou Str., 38446
Volos, Greece

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Message from the Guest Editor

Conservation marine genomics focuses on individuals and populations that have been affected by habitat loss, altered social behavior, overexploitation, climate change, disturbed life cycle patterns, and pollution, thus destabilizing their genetic integrity due mainly to anthropogenic pressure. This great diversity, in addition to its availability that has long been seen as limitless, have turned marine genetic resources worldwide into one of the main axes for scientific exploitation. However, a more precise analysis of the different natural stocks and their interplay in marine ecosystems is required. When investigating the patterns of dispersal and marine connectivity at multiple spatial and temporal scales, it is crucial to unveil the complexity when integrating the information of all biological and physical processes involved. The subline in integrative conservation and evolutionary genomics of marine resources is based on the conceptual foundations of evolutionary biology that stimulate the long-term economic viability and social value of marine organisms in order to inform the public about their importance for the management and conservation of marine resources.



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Special Issue



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Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 6102, Australia

Message from the Editor-in-Chief

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Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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