

Special Issue

Aquatic Ecosystem Integrity and Sustainable Management of Fisheries

Message from the Guest Editor

Freshwater and marine ecosystems face unprecedented pressures from climate change, habitat degradation, and overexploitation. Fisheries serve as both a crucial protein source for billions and a key indicator of aquatic health, yet current management often fails to address feedback loops between ecosystem function and human wellbeing.

Understanding these dynamics is essential for achieving SDG 14 (Life Below Water) and SDG 6 (Clean Water and Sanitation). Aligned with Sustainability's commitment to interdisciplinary environmental research, this Special Issue seeks to advance holistic governance models that balance ecological thresholds with socio-economic needs, bridging natural and social science perspectives on water resource stewardship. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Ecosystem-based fisheries management (EAFM); Climate adaptation strategies for aquatic systems; Socio-ecological resilience in fishing communities; Habitat restoration and water quality improvement; Policy frameworks for transboundary water governance; Innovations in sustainable aquaculture.

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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