

Special Issue

Sustainable Fisheries Management for Healthy Aquatic Ecosystems and Food Safety

Message from the Guest Editor

This Special Issue aims to promote management strategies that foster a sustainable and healthy production environment, ensuring safe and responsible food consumption. It emphasizes the importance of risk monitoring, corrective actions, and the use of biological controls and natural products such as bioremediators and immunostimulants. Additionally, it focuses on post-harvest protocols to guarantee seafood safety from the ocean to consumers, supporting long-term environmental stewardship. The goal is to enhance the sustainability of production systems, in alignment with the FAO's One Health approach, which integrates environmental, food production, and socio-cultural factors for holistic well-being. The transition from Sustainable Fisheries Management (SFM) to Ecosystem-Based Fisheries Management (EBFM) is underscored, advocating for a comprehensive, sustainability-driven strategy that accounts for ecological, economic, and social interconnections. Unlike traditional management, which focuses on maximum sustainable yield (MSY), EBFM seeks to optimize benefits while preserving ecosystem resilience and integrity—crucial for ensuring food security and a sustainable future.

Guest Editor

Prof. Dr. Fabíola Fogaça

1. Department of Food Technology, Brazilian Agricultural Research Company, Rio de Janeiro 23020-470, Brazil
2. Animal Production Department, Universidade Federal Rural do Rio de Janeiro, Seropédica, Brazil

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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