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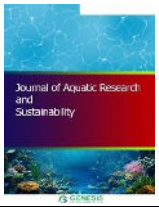

Editorial

Navigating the waters of innovation: advancing in aquatic research and sustainability

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Article info

Article history
Received: 07 January 2024
Revised: 15 February 2024
Accepted: 12 March 2024
Published: 16 March 2024

Keywords
Aquatic research
Sustainability
Aquatic ecosystems
Marine ecology
Climate change

Abstract

Aquatic research and sustainability represent critical pillars in our collective efforts to safeguard the health and resilience of the planet's aquatic ecosystems. Through rigorous scientific inquiry and innovative practices, researchers strive to unravel the complexities of aquatic environments, from the intricate dynamics of marine ecosystems to the delicate balance of freshwater habitats. Sustainable management approaches are essential to ensure the long-term viability of these invaluable resources, balancing human needs with the imperative to protect biodiversity and ecosystem services. From combating pollution and overfishing along with the impacts of climate change, aquatic research plays a pivotal role in informing evidence-based policies and practices aimed at preserving our oceans, rivers, and lakes for future generations. By fostering interdisciplinary collaboration, embracing emerging technologies, and promoting stakeholder engagement, we can collectively work towards a more sustainable future where the treasures of our aquatic world are cherished and protected.

Aquatic research and sustainability represent critical pillars in our collective efforts to safeguard the health and resilience of the planet's aquatic ecosystems (Ward *et al.*, 2022). Through rigorous scientific inquiry and innovative practices, researchers strive to unravel the complexities of aquatic environments, from the intricate dynamics of marine ecosystems to the delicate balance of freshwater habitats (Alexander *et al.*, 2019; Hipsey *et al.*, 2020). Sustainable management approaches are essential to ensure the long-term viability of these invaluable resources, balancing human needs with the imperative to protect biodiversity and ecosystem services (Bennett *et al.*, 2015; Shampa *et al.*, 2023). From combating pollution and overfishing along with the impacts of climate change, aquatic research plays a pivotal role in informing evidence-based policies and practices aimed at preserving our oceans, rivers, and lakes for future generations (Kumar *et al.*, 2021; Malhi *et al.*, 2020; Mozumder *et al.*, 2023). By fostering interdisciplinary collaboration, embracing emerging technologies, and promoting stakeholder engagement, we can collectively work towards a more sustainable future where the treasures of our aquatic world are cherished and protected (Mariani *et al.*, 2022; Mishra *et al.*, 2023). The Journal of Aquatic Research and Sustainability (JARS) stands as an excellence in the field of aquatic science, providing a dynamic platform for the dissemination of cutting-edge research and innovative solutions to pressing challenges facing our planet's aquatic ecosystems (Journal of Aquatic Research and Sustainability, 2024).

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doi: https://doi.org/10.69517/jars.2024.01.01.0001

By providing open access to a diverse range of research articles, review papers, and technical notes, JARS plays a pivotal role in facilitating knowledge exchange and driving positive change in the fields of fisheries, aquaculture, and environmental conservation. With each issue, JARS reaffirms its dedication to promoting the health and sustainability of our oceans, rivers, and lakes, ensuring that future generations inherit a world where the wonders of aquatic life thrive.

The JARS is established with the overarching goal of advancing knowledge and fostering sustainable practices in the field of aquatic science. Recognizing the critical importance of our planet's aquatic ecosystems and the numerous challenges they face, JARS aims to provide a dedicated platform for researchers, practitioners, and policymakers to share their insights, discoveries, and solutions (Cantonati *et al.*, 2020). By facilitating the dissemination of high-quality, peer-reviewed research, JARS seeks to drive innovation, inform evidence-based policies, and promote the sustainable management and conservation of aquatic resources worldwide. Through its publication, JARS aspires to contribute to a deeper understanding of aquatic biodiversity, ecosystem dynamics, and the complex interactions between human activities and aquatic environments, ultimately working towards a future where our planet's water resources are preserved for generations to come (Cantonati *et al.*, 2020; Dahlin *et al.*, 2021).

The JARS aspires to attain indexing and inclusion in several prominent abstracting and indexing databases to elevate the visibility, accessibility, and influence of its published research. JARS is actively pursuing membership in Crossref for persistent identification and linkage of its content, alongside seeking inclusion in the Directory of Open Access Journals (DOAJ) to underscore its commitment to transparent and open scholarly publishing. Furthermore, JARS aims to be indexed in databases like Scopus and Web of Science to broaden its reach to a diverse audience of researchers, practitioners, and policymakers interested in aquatic research and sustainability. Additionally, efforts are directed towards listing in the Electronic

Journals Library (EZB) and Research4Life to enhance accessibility, particularly for researchers in low- and middle-income countries. Preservation of content with Portico ensures long-term access, while inclusion in Google Scholar amplifies visibility across various disciplines. Adhering to ethical publishing practices outlined by the Committee on Publication Ethics (COPE), JARS aims to consolidate its position as a leading platform for disseminating high-quality research in the field of aquatic science, contributing to global efforts in environmental conservation and sustainability (COPE, 2024).

Dive into the depths of aquatic science with the JARS, where cutting-edge research meets environmental stewardship. Explore our peer-reviewed articles to stay informed about the latest discoveries and solutions for preserving our oceans, rivers, and lakes. Join us in the journey towards a more sustainable future for aquatic ecosystems worldwide. The JARS invites original research, reviews, case studies, and editorials that advance fisheries, aquatic research, and sustainability. We encourage interdisciplinary work, fostering collaboration and innovation to address complex challenges in aquatic ecosystems. JARS is dedicated to facilitating knowledge exchange and shaping the future of aquatic sustainability. We welcome submissions from researchers worldwide committed to promoting conservation and management of aquatic resources.

Acknowledgments
The author would like to thank the technical and logistic support of Faculty of Fisheries and Food Sciences, Universiti Malaysia Terengganu, Malaysia.

Ethical approval statement
None to declare.

Data availability

Not applicable.

Informed consent statement

Not applicable.

Conflict of interest

None to declare.

Authors' contribution
Abu Hena Mustafa Kamal: conceptualization, formal analysis, writing-original draft preparation, review and editing. The author has read and approved the final version of the published editorial.

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