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NAŠE MORE – special issue 2026

Mariculture: Advancing Sustainable Marine Food Production

Building on centuries of tradition and abundant natural resources, the cultivation of fish, shellfish, and other marine organisms is a vital pillar improving the quality of the human diet, supporting global food security, and strengthening the prosperity and resilience of coastal and island communities. As a transformative activity, mariculture is essential for sustainable development and contributes significantly to biodiversity conservation by reducing pressure on wild stocks.

This Special Issue invites original research articles, reviews, and forward-looking perspectives from diverse disciplinary, methodological, and geographic backgrounds. We aim to explore the latest scientific and technological frontiers and provide solutions to the pressing challenges emerging in this dynamic field.

Topics of interest include, but are not limited to:

- Environmental Changes and Mariculture
 - Research on ecological properties of marine environment.
- Production Systems and Innovative Aquaculture Technologies
 - Design and engineering for all farmed species (finfish, shellfish, and seaweed), advances in offshore mariculture, and recirculating aquaculture systems (RAS).
- Sustainability and Management of Aquatic Resources
 - Resource use efficiency, selective breeding programmes for resilience, and sustainable practices for shellfish and finfish production.
- Ecological Performance of Integrated Multi-Trophic Aquaculture (IMTA) Systems
 - Research on nutrient cycling, waste mitigation, and ecological balance across all trophic levels.

- Disease Ecology, Health Management, and Biosecurity Strategies
 - Pathogen identification, prophylactic measures, novel vaccine development, and comprehensive biosecurity planning for marine organisms.
- Aquatic Food Safety and Public Health Risks in Marine Environments
 - Monitoring and mitigation of contaminants (heavy metals, organic pollutants, biotoxins, microplastics), traceability, and establishing quality assurance for mariculture products.
- Environmental Interactions and Ecosystem Services of Mariculture
 - Assessing the effects of farming operations on benthic and pelagic environments, and quantifying ecosystem services.

GUEST EDITOR:

Full professor Ana Bratoš Cetinić, PhD, Department of Applied Ecology, University of Dubrovnik, Croatia

MANUSCRIPT SUBMISSION INFORMATION:

The paper should be prepared according to the Instructions for authors <https://www.nasemore.com/instructions-for-authors/>.

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Manuscripts should be submitted to the address of the journal: nasemore@unidu.hr (with the indication for the 2026 special issue).

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