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REVIEWER'S REPORT

Manuscript No.: JNAVS -067

Title: Sustainable Aquaculture: Water Quality Management, Fish Health, and Environmentally Responsible Production Systems.

Recommendation:
Accept as it is .....
Accept after minor revision.....
Accept after major revision .....
Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity	✓			
Significance	✓			

Reviewer Id: JPR-115

Reviewer's Comment for Publication.

The manuscript provides a relevant, comprehensive, and well-structured review of sustainable aquaculture, with appropriate emphasis on water quality management, fish nutrition, disease prevention, biosecurity, waste treatment, and environmentally responsible production technologies. The discussion of recirculating aquaculture systems, biofloc technology, integrated multi-trophic aquaculture, and digital monitoring adds practical value, while the consideration of economic and social challenges provides a useful broader perspective. The manuscript is generally clear and logically organized; however, some minor revisions are recommended before publication. The authors should strengthen the literature review by incorporating a wider range of recent peer-reviewed studies, provide greater critical comparison of the advantages, limitations, and applicability of different aquaculture technologies, and describe the literature-search and selection procedure more clearly. Some repetitive discussion concerning water quality, waste management, and environmental sustainability could also be condensed. In addition, the references and formatting should be carefully checked for consistency and completeness. Subject to these minor improvements, the manuscript is suitable for publication.