

Peer Review

Review of: "A Review of Grouper Fisheries Management in the Southeastern and Caribbean U.S.: Challenges, Successes, and Future Directions"

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Despite its overall quality, several aspects could be strengthened. The review is heavily descriptive, and while it compiles a large amount of information, it would benefit from more critical comparative evaluation between different management strategies and regions. For instance, the manuscript could better quantify the effectiveness of marine protected areas, catch limits, and individual fishing quotas using comparative metrics or summarized outcomes.

Furthermore, although climate change and ecosystem-based management are discussed, these sections could be expanded to include predictive modeling perspectives or scenario-based projections to improve forward-looking applicability. The manuscript also primarily focuses on U.S. regional fisheries, and stronger comparisons with international grouper management frameworks would enhance global relevance.

The article would also benefit from clearer graphical summaries or conceptual models that synthesize management challenges and proposed solutions. Such visual integration could improve readability and educational value for multidisciplinary audiences.

Declarations

Potential competing interests: No potential competing interests to declare.