

Review of: "Estimates of Atlantic Goliath Grouper (*Epinephelus Itajara*) Bycatch Mortality in Commercial Fisheries of the Southeastern Us From 2002 to 2022"

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Potential competing interests: No potential competing interests to declare.

This is a very interesting study. The results obtained are significant in protecting aquatic species that are threatened by various exploitation activities. Bycatch has been one of the causes of resource decline. However, the article needs editing before being accepted for publication:

The "Introduction" part should be rewritten according to the following suggestions: It is necessary to clarify the role of fish mentioned in this study for life, economy, society, and biodiversity. The current situation of plants and the dangers they are facing today. In those dangers, how is the problem of death causing fishing to play a role in the decline in plants?; What forms of fishing are being used in the locality? Which form affects the natural population the most? The government's management of the form of fishing? The level of influence of fishing on the decline of resources leads to the need for evaluation and management in the present and future.; All evidence should be arranged to increase persuasion about the reason for this research option.

The materials and methods section should be shortened and changed as follows: Information compiled from source data should be summarized and included in the opening section as basic data to explain the urgency of the article.; The methods and procedures for conducting research should be rewritten in a way that describes the work done and the tools used to lead to the results that need to be analyzed, which will be more suitable than synthesizing secondary information at the result of description.; "2.3. Relevant Literature": This part should be included in the research results.

In the results section, we obtained meaningful information about the relationship between depth and respiration during fishing. This is important information about the causes and effects of exploitation on fish mortality. However, the reasons for fishing gear, fishing methods, and fishing time should be considered in the results and discussions to provide more of a basis for building effective species protection strategies.

The results section should only focus on the results obtained. Hypotheses and explanations should be included in the "Discussion" section. The discussion should be summarized into content related to the results. Analyze trends in the data collected and recommend future solutions to minimize the impacts of fishing activities on fish populations.

The conclusion needs to be rewritten. There are no citations of data tables and references in the conclusion.

