

Review of: "Larache's Coastal in Morocco: Evaluating Dredging's Impact on Fisheries and Shorelineevolution"

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Potential competing interests: No potential competing interests to declare.

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General Comments

This research aimed to assess the effects of dredging activities on fisheries and shoreline dynamics in Larache, Morocco. The primary objective was to evaluate the consequences of human intervention, particularly marine sand extraction, on the local flora and fauna. This investigation holds significance as it sheds light on the potential repercussions of dredging while offering recommendations for sustainable management practices to uphold the economic, social, and environmental well-being of Larache.

Although the authors effectively delineate correlations between dredging activities, shoreline alterations, and fisheries impacts within the Larache region, they should strive to place their findings within a broader context. Additionally, it would be beneficial for the authors to provide insights into the timeline of dredging operations and ascertain the temporal lag between dredging activities and resulting shoreline changes. Such temporal analysis could encompass both short-term and long-term effects, enhancing the comprehensive understanding of the interplay between dredging and environmental dynamics in Larache.

The language quality of the current manuscript falls short of publication standards and requires significant improvement. The authors should meticulously proofread and utilize spell-checking tools to rectify grammatical errors. Additionally, attention should be given to refining grammar and punctuation, addressing fundamental issues. I recommend the following actions: 1. Engage a native English speaker to proofread the manuscript, and 2. Employ readily available grammar checkers such as Grammarly (<https://www.grammarly.com/>).

Some Specific Comments

- Some points in the manuscript are unnecessarily bulleted instead of being presented in cohesive paragraphs to explain certain concepts and categories, such as in sections 2.1.1, 5.1, and 6.1.
- It is essential to italicize scientific names (see section 2.2.2).
- The first sentence in section 3.1 lacks a reference citation.
- The language should adhere to standard conventions. Instances of non-English words, such as "Engraissement" in Figure 1 on Page 10, should be avoided.
- Sections 5 and 6 both contain discussion content. It is suggested that section 5 and section 6 are regarded as

subsections of the Discussion, addressing shoreline change and impacts on fishery, respectively.

References

- The referencing style in-text is not standardized.

Figures

- Figure captions should match the sequence in which they appear in the text. Figure 1 (page pg. 10) comes after Figures 3, 4, and 5.
- Figure 3 & 4 - The nomenclature is not standardized (especially “West” is confusing). Does “O” represent “West(W)”?

Verdict: Reject