

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

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Potential competing interests: No potential competing interests to declare.

## Review Comments on Manuscript: Larache's Coastal in Morocco: Evaluating Dredging's Impact on Fisheries and Shoreline Evolution (Qeios ID: LA99QQ)

**Name: ESEOGHENE Olaifa, Ph.D.**

The paper focuses on the impact of dredging on fisheries and shoreline evolution on Larache's coast in Morocco.

- **Clarity of the article:**

The article's goals, which center on the effects of dredging operations on the Larache coastal area, are succinctly summarized in the abstract.

The paper is clearly organized, with parts covering biological consequences, implications for coastlines, methodology, findings, and discussion.

**NB The introduction did not describe the study area. More write-up and references should be in the introduction.**

- **Analysis:**

Incorporating statistical data and graphical representations enhances the analysis's depth and facilitates the comprehension of changes over time. Visual comprehension and clarity of the results are improved by the use of maps, figures, and tables in the data presentation.

**NB But the results were not well discussed in relation to the tables. Results obtained should be discussed.**

**Figures are standing on their own without in-text explanation.**

- **Identification of Solutions:**

The article not only outlines the issues with dredging but also suggests workable actions and remedies to lessen its detrimental effects.

Reestablishing beaches and engaging in appropriate dredging are two examples of well-thought-out mitigation strategies that complement environmental preservation agendas.

- **Stakeholder Viewpoints:**

Stakeholder interests and the socioeconomic framework are acknowledged in the article, especially when it comes to striking a balance between environmental preservation and development needs.

Mitigation strategies that are suggested take into account the interests of different stakeholders, such as environmental conservationists and fishermen.

- **Language and Style:**

Though technically complex, the language is understandable and appropriate for the researchers and policymakers who are the target audience. The article's readability and general coherence are enhanced by the well-structured sentences.

- **Room for Enhancement:**

**Although the effects of dredging on fishing resources are covered in the article, further studies might examine the susceptibility of certain species and possible long-term effects. The discussion aspect of the paper should be fleshed out with more signposting in the empirical literature**

**Incorporating case studies or comparative evaluations with alternative dredge sites could enhance the discussion and offer more comprehensive perspectives on sustainable dredging practices.**

- **Recommendation:**

**Generally, the paper makes a significant addition to the existing knowledge of the effects of dredging and methods for mitigating its effects in the coastal region of Larache.**

**With a few small modifications, more analysis and research, the article could be a useful resource for efforts to conserve the environment and manage coastal regions.**