

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

Yadhunath E M

Potential competing interests: No potential competing interests to declare.

Dear Authors,

Thank you for submitting your manuscript to Qeios.

I recommend reconsideration of your manuscript following major revision and modification. I invite you to resubmit your manuscript after addressing the comments below and re-evaluating your results and discussions.

Title: Larache's Coastal in Morocco: Evaluating Dredging's Impact on Fisheries and Shoreline Evolution

Note: There is a space missing in 'Shoreline Evolution' (after "Shoreline").

Abstract:

1. The fourth sentence of the abstract is broad and lengthy. I recommend rewriting it for clarity and conciseness.
2. The major findings and research analyses implemented in the article are missing in the abstract. Please ensure that the abstract provides a clear overview of the key results and analyses presented in the manuscript.

Description of the Study Area:

1. Figure numbers are not mentioned in the text. Please ensure that each figure is referenced appropriately in the manuscript.
2. Consider providing climatological data for the study period and comparing the results with other relevant studies.

Evaluation of the Impact of Dredging on the Coast of Larache:

1. The sentence "For this purpose, we conducted a comparison between the current situation of the area and an older situation to deduce the various changes that have occurred" can be modified to a more scientifically precise statement. For example, "To understand the physical impact of dredging, we conducted a comparison between the current and historical conditions of the area to analyze the changes that have occurred."

Methodology Adopted:

1. Check and correct the reference format according to the journal's guidelines (e.g., Antoine PEREDA BUSTAMANTE 2017).

2. Consider providing graphical representations to enhance the clarity of the methodology section.

Results:

1. Ensure that each figure is accompanied by a clear legend.
2. For Figures 5 and 8, label the X and Y axes as latitude and longitude, respectively.
3. Include the date and time of the Google Earth images used to represent the coastline for 2011 and 2016. Ensure that they are taken during the same period to account for tidal variations.
4. Specify the method used for calculating sediment volume for accretion and erosion in the study.
5. Clarify the units of measurement for accretion and erosion (e.g., m or m<sup>3</sup>/year).
6. Figure 8 appears to be sourced from the Annual Statistical Reports from the ONP on the national production of coastal and artisanal fishing. Please ensure that this data is presented in a scientifically appropriate manner.
7. For Table 3, clarify whether the data presented is the authors' own results or previously published results. Provide details on the data and methodology used.

Please address these comments and revisions thoroughly in your manuscript. Once revised, you are welcome to resubmit your manuscript for further evaluation.

Best regards,

Yadhunath E M