

# 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.

Review of Qeios\_LA99QQ "Larache's Coastal in Morocco: Evaluating Dredging's Impact on Fisheries and Shorelineevolution"

## **General comment:**

Saddik et al. explored the marine dredging impacts to the Moroccan coastline. Saddik et al.'s results might have showed some changes in the period 2011-2020; however, without statistical support.

The introduction, methodology, results, discussion, and conclusion are not well presented and are not structured for a paper. The manuscript should be rejected. It needs an in-depth revision (including additional analyses) and major changes before being submitted again to a journal. Some details are listed below:

## **Title**

Please check the title and correct the typo, and change the title, removing "fisheries," for example, as it is not even mentioned in the abstract or main text

## **Abstract**

Please remove "and increasing urbanization" OR "urban expansion and."

Please remove "will not merely stop at highlighting the problems but" or rephrase it.

## **Introduction**

Please develop the introduction more before starting with specific section 1.1. However, I do not think it is needed to divide the introduction into different sections since the theme is only one: "dredging and its impacts."

Please replace ".These indirect effects" with "and."

Please add a citation to "Dredging can have a significant impact on the evolution of the coastline" and the entire paragraph.

Please use bullet points or numbering for the main impacts, remove colons, and rephrase in one clear sentence without

repetitions.

Please check the typo “effects onThe...”

Please clarify the meaning of (-4m/year).

Please consider removing the section structure and subtitles 1.1 and 1.2.

Please move the description of the study area to Methods.

Please remove the section structure.

Please indicate first the study area and its characteristics

## **Materials and Methods**

The entire section is missing and is reduced to simple subsections 3.1 and 3.2.

Subsection 3.2 is a step-by-step guidance and should be moved to supplementary material/annex.

## **Results**

Please remove Tables 1-2 and just include the information in the main text.

It is not clear why the authors have presented the results in two periods, 2011-2016 and 2016-2020, instead of just one period, 2011-2020. Finally, where is the data on 2010?

In addition, statistical analysis supporting the results is missing.

Figures 1 and 8 Engraisment or accretion: please use the same terminology.

## **Discussion**

The section should be developed more, using references and avoiding bullet points without any explanation.

Please move Figure 9 and Table 3 to Results.

Why section 6? Please see section 5...

Please move Figure 10 and Table 4 to Results.

Please avoid bullet points without providing any explanation.

Please remove Table 7 and include the information in the main text.

## **Conclusion**

Please revise the paragraph and rephrase the main conclusion of the study.

