

# 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.

Hello, dear authors. I find it a very interesting topic; however, I have some comments about his work.

**Abstract:** A fundamental part of strategies for responsible dredging could also be environmental education.

**Keywords:** I propose to put keywords that are not in the main title.

**Introduction:** Maintain the homogeneity of concepts so that the subtitles coincide with the first paragraph of the introduction. Some citations are missing. Specify whether erosion, modification of underwater topography, and redistribution are direct or indirect impacts. Review the concept of benthic fauna and improve its writing. It is redundant to put "marine animals" as an example of benthic fauna if more marine animals will be listed below. Bioturbation is a very important process that is also carried out by benthic fauna. At the end of the introduction, I suggest you also mention the need to implement the mitigation measures that your work will propose.

**Description of the study area:** Figure 1 is not clear enough. What are the three sedimentary facies of the study area? And the 4 areas that are mentioned in the figure caption are not observed in the figure. The figures must be mentioned in the text. The paragraph after figure 2 is missing a bullet. Homogenize the format of the citations (sometimes they are with lowercase and uppercase letters, and other times only with uppercase letters). The polygon with the geographical coordinates of the study area needs to be placed. Figures 3 and 4 are not necessary. The marine flora remains to be mentioned. Bibliographic citations are missing. Mention the most representative benthic fauna of the study area. The scientific names of the species must be written in italics, and when mentioned for the first time, they must be accompanied by the descriptor and the year of the description. The writing style of the methodology adopted (section 3.2) is inappropriate; I suggest that it be mentioned more concisely and in the past tense.

**Results:** The font size in figure 5 is not visible. The figure legend should be part of figure 5. There is a figure 1 in this section that should be figure 6. Citations are missing.

**Discussion:** Let the section be called "discussion" only. Bibliographic citations are missing. It remains to be specified how the effect of environmental factors is, particularly in the study area. It is important to mention the consequences of not carrying out the mitigation measures mentioned. In the last point of the mitigation measures (beach replenishment), does this refer to the replenishment of sediment? Mention the tables in the text. The objective should only be mentioned in the introduction. The names of the graphed variables and the units of the x and y axes are missing from Figure 9. In the last

paragraph of section 5.2, it is necessary to mention the figure number to which it refers. In that same paragraph, statistical analyses need to be performed to say that there are significant variations. Heading 6 is inappropriate since we are supposed to already be in the discussion section. There is not enough information in this study to assert the last line of paragraph 3 (section 6, discussion of results). In section 6.1, I suggest mentioning the importance of these measures and the consequences of not carrying them out.

I hope these suggestions help you improve your work. I enjoyed reading it.

Greetings.