

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

Ilaria Rigo¹

¹ University of Genoa

Potential competing interests: No potential competing interests to declare.

I thank the editor for the opportunity to review this paper.

The submitted manuscript, entitled "Larache's Coastal in Morocco: Evaluating Dredging's Impact on Fisheries and Shoreline Evolution," reported the study on the consequences of dredging activities on fisheries and shoreline.

The article turns out to be very interesting work, but it should be revised in some of its parts for the sake of the English language. I also recommend revisiting the discussions because they result confusing: I would follow the same paragraph order as the results to explain them.

I have a few other suggestions to recommend to improve the manuscript, which I mention below:

Keywords:

I suggest not repeating the same word of the title.

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Introduction – Materials and Methods:

The impacts of dredging, reported in the different paragraphs (e.g., "coastline impact dredging"), should be reported by bulleted list.

The sentences "The dredging process can lead to the destruction of benthic habitats, especially when sediments are extracted from the seabed. This can result in the death or displacement of benthic organisms residing there, thus disrupting the ecological balance of the area (Newell et al. in 1998)" contain some repetitions that could be summarized in one.

The sentences "Benthic organisms are often specialized to live in specific habitats. Dredging can alter these habitats, favoring certain species at the expense of others. This can lead to changes in the composition of benthic species, with potential consequences for the food chain and the ecosystem as a whole" need some citations.

All citations in the text should be reported without a point before the parentheses and delete "in" before the date (example: ...sediment (Tillin et al., 2011)).

In the sentences “In Morocco, a similar situation is observed, where the intensive dredging of the tidal delta at the mouth of the Sebou River and within it raises concerns regarding its potential effects onThe cause of a significant retreat of the northern part of Mehdiya Beach (-4 m/year), especially between 1997 and 2007, even though the blocking of littoral drift from the north by the Sebou dikes may partly account for this retreat (Hakkou et al. 2011)” modify “onThe” to “on the.”

When you talk about the impacts due to the dredging activities on marine ecosystems, it's better to report some examples about the ecosystems status in Morocco as you did in paragraph 1.1.

The descriptions of facies without an introduction are unclear. They could be reported as the figure 2 caption.

Figure 3 is grainy; try reloading the image with better quality.

All fauna could be reported with the same information that you reported, but as a table to better understand the variety of it in a concise way?

All plant and animal species should be reported in italics style.

In section 3.2, a greater description of what was done is better, but without explaining all tools used in the software.

Discussion:

Lacking in the discussions is the use of literature sources to help motivate the state of erosion or accretion either by anthropogenic or natural causes. Also, when discussing the seasonal scale, it is helpful to define what period is considered in this work.

When describing the mitigation measures to be undertaken, a brief introduction could be written.

In Figure 9, the units of measurement are missing.

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References:

In the list, the citation is missing: DRAPOR 2020.

The citations for Hakkou, GEODE, SAUVAGE, HAMMADA are not reported in the text.