

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.

The article is well written and easy to read; some minor English adjustments could be made to further enhance its clarity.

Both physical consequences on the shoreline and the environmental impact on sea species have been considered, which is good.

The area of the site is well described; a figure of Morocco that highlights the location of the site could ease the identification of the area for readers unfamiliar with Moroccan geography.

The description of the methodology regarding Google Earth is a bit too detailed, in my opinion. Eventually, the Google Earth actions could be not described in favor of other descriptions, e.g., how the coastline is identified (is it an average? If yes, how has it been calculated, etc...), a more detailed description of point 9 further explaining how to carry out a diachronic study, and what the benefits of this study are, etc...

Regarding the results, it could be interesting to add what the yearly mean coastline difference is (+45 m is really a lot if the coastline moves +/- 2 m per year, but not much if it is +/- 100 m). A short description of how the coastline is measured could be worth adding (in the previous section eventually, as stated previously).

The description of the sediment flow (especially the direction) in the area could also benefit this section, as if the transport is from North to South, the accretion in the Southern part could be caused by the presence of the sea dock (check figure 9 in <https://www.mdpi.com/2073-4441/12/12/3578>). A sea dock may cause erosion on one side of it and accretion on the other side.

Regarding table 3, just as a thought, there might could also be a link with El Niño, as it was observed in 2010-2011 and 2014-2016, which matches the greatest variation of fish landed in the Larache Region. Other factors could have affected this fact, as you correctly pointed out.

Additional details on the proposed mitigation measures could increase their acceptance, eventually stating why you are proposing them, what could be the consequence of not following them. It could be worth to include also the negative outcomes that will directly affect the entities that perform or benefit from dredging.

