

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

Christopher Vivian

Potential competing interests: No potential competing interests to declare.

Review of Saddik et al 'Larache's Coastal in Morocco: Evaluating Dredging's Impact on Fisheries and Shoreline Evolution' by Chris Vivian

Overall Comments

I would endorse the comments made by Manuel Verduzco-Zapata and most of the comments made by the other reviewers. Consequently, I will not repeat all those comments. Overall, the paper needs much further work before it could be recommended for publication.

A Few Specific Comments

- The Garrad and Hey reference is inappropriate as it deals with effects in the river environment of the Norfolk Broads.
- In the conclusions, it says "For the evolution of beaches, the dredging effect is considered negligible due to its low intensity, limited spatial extent, and temporary duration. There is a moderately significant impact on fishery resources due to its high intensity, limited spatial extent, and temporary duration". How can the dredging be both "low intensity" and "high intensity"?
- The references should be in alphabetical order.

Sources of Further Information

1. The Central Dredging Association held a conference 'CEDA Dredging Days 2006 - Protection of the Coastline. Dredging and Sustainable Development' in Tangiers, Morocco – <https://www.dredging.org/resources/ceda-publications-online/conference-proceedings?conference=3&q=>. It had a number of papers by local authors that may be of interest, including:

- M. Benadenbi & A. Louitri - Project Rimal of Drapor
- M Choura - Rehabilitating Sfax littoral - Tunisia "TAPARURA" Project.
- Alaoui Asmae et al. - The tidal inlets of the lagoon of moulay bousselham: operating and development
- A Minoubi et al. - The beach of Safi between the interaction of the forcing agents and the redevelopments
- K. Khalidi et al. - Morphological and diachronic study of the lagoon of Sidi Moussa

2. A scoping paper that I prepared for GESAMP in 2019 on 'Sand and Gravel Mining in the Marine Environment – New Insights on a Growing Environmental Problem' has information and references of relevance to this paper

- http://www.gesamp.org/site/assets/files/2058/46_7_4.pdf.