

Review of: "Evaluating Hydrologic, Geomorphic, and Vegetation Parameters to Assess Natural, Living, and Hardened Shorelines along the Northern Gulf of Mexico"

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Potential competing interests: No potential competing interests to declare.

The paper is very interesting and innovative suggesting the possibility to realize living shorelines to protect coastlines from erosion processes.

Coastal erosion is one of the most obvious and important effects of climate change, affecting densely populated areas and many important habitats. This work provides useful data to support coastal management as it is increasingly necessary and urgent to develop climate change adaptation strategies.

Some suggestions:

- add some pictures of the study sites
- In Method, Vegetation Surveys, you write: *Since there were no plants downslope along hardened structures, vegetation for these shorelines was recorded on the landward side only when there was vegetation present.* But in figure 3 in the site HS there are not sampling stations for "vegetation abundance" or it is not clear, please explain
- Refer to the NERR and YSI acronyms, when first mentioned, in full.
- There are two Figure 5
- Figure 7 "A conceptual model representing the results found in the study sites" is a very useful diagram to illustrate the results but could be improved.