

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.

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

The manuscript has some shortcomings which need to be improved prior to its publication. My recommendation is that the article needs Major Revisions before it can be considered for publication.

1. Abstract: The abstract is a bit generic. Please add some more information regarding your results. It should be improved in a quantitative way.
2. Introduction is generalized. I would recommend following recent research articles to reconstruct this section with extensive literature

<https://doi.org/10.1016/j.jclepro.2021.128713>

<https://doi.org/10.3390/rs12223675>

<https://doi.org/10.1007/s11069-021-04601-3>

<https://doi.org/10.1016/j.jenvman.2021.114317>

1. Methodology section is weakly written. So, my suggestion is to reconstruct it with the help of following articles

<https://doi.org/10.1080/10106049.2021.2009920>

<https://doi.org/10.1080/10106049.2022.2068675>

<https://doi.org/10.1080/10106049.2022.2071473>

1. Discussion section should be written by comparing with already published articles in this concept.

<https://doi.org/10.1016/j.ecolmodel.2022.110190>

1. In conclusion section, you have to mention the implications of your research and how it makes a footprint in scientific research. Try to incorporate your work to global interest how this research has worldwide importance. It will be

interesting for the readers.

2. Reference: Re-check the whole reference just to make sure you have added all the references that you cited in your manuscript.
3. Fig.: Please add a methodological flow chart for entire study.
4. Apart from this the quality of the overall paper is very good. I prefer this article with acceptable with major modifications.