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.

Comments –

- We propose that there be clarification on the Offshore and onshore protection of the beach and the relationship regarding artificial creation and the time to face disasters;

- This research presented trends in approach and methodology, making the discussion more dynamic;

- We indicate as a summative perspective the analysis of risks and the use and occupation of the waterfront or coastal zone;

- We suggest a comparison with beaches in Brazil by analyzing the works Rocha et al, 2020 (Análise da dinâmica morfossedimentar no litoral de Paracuru – Ceará); Negrão et al., 2022 (Negrão, Y. de S., Sousa, H. C., & Ranieri, L. A. (2022). Vulnerabilidade à erosão costeira em praias amazônicas e a ocupação populacional em áreas de riscos. Revista Brasileira De Geomorfologia, 23(2), 1264–1284. https://doi.org/10.20502/rbg.v23i2.1951); The smartline approach to coastal vulnerability and social risk assessment applied to a segment of the east coast of Rio de Janeiro State, Brazil. Author(s): Flavia Moraes Lins-de-Barros and Dieter Muehe Source: Journal of Coastal Conservation, Vol. 17, No. 2, Special Issue: Geotechnologies Applied to Coastal Studies (June 2013);

The work is very interesting and adding which risks or the loss of ecosystem services per stretch would enhance it even more;

- We congratulate you for the work and the comparison between beaches with different environments, we emphasize that we are currently working with Smartlines and risk assessment and the relationship with climate change and coastline variation;