Review Form 1.7

Journal Name:	**Asian Journal of Environment & Ecology**
Manuscript Number:	**Ms_AJEE_100420**
Title of the Manuscript:	**Assessment Vulnerability Index of West Coast of South Sulawesi, Indonesia: A Case Study in Segeri Beach, Pangkajene and Islands Regency**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	The assessment of the vulnerability of coastal areas to climate change is therefore a topic of growing interest worldwide. There is an increasing need for a detailed knowledge of the wave conditions in order to design the coastal interventions. This study indicated that geomorphology, shoreline change rate, coastal elevation and significant wave height are the most contributing parameters determining coastal vulnerability, since the sea level change rate and tidal range were given the same risk level along the coast. The most contributing parameter could be further improved by means of weighted determination. **yes** **yes** **yes** 1. I recommend acceptance of this paper to your journal. The article contains a good science but need to be rewritten. • So many typos • Misalignment. 2. Arrange keywords in alphabetical manner 3. Arrange references as per journal style. 4. The methodological approach is simple, robust, and easy to implement for nation-wide mapping, since it is based on well-defined criteria through an index-normalized formulation, and additional parameters can be included with the determination of different weights. Despite the fact that further improvements in the methodology are required in order to be able to assess coastal risk for sea-level rise mitigation and adaptation measures, the present results are an important contribution to the identification of coastal vulnera-bility, constituting an additional instrument for decision-makers with responsibilities of management and planning of areas exposed to the sea-level rise	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	yes	
Optional/General comments	1. The CVI method is commonly used to assess the effects of sea-level rise on coastal areas. The CVI method is simple, as it uses a ranking system; therefore, it is easy to identify regions with high vulnerability. It is easy for policy and decision makers to make decisions regarding proper management programs for coastal regions with high vulnerability in order to prevent the effects of sea-level rise. However, the CVI method has several disadvantages as well; for one, it is only based on geological and physical parameters. It does not consider the effects of social/human activities on ecological and physical changes, and a limited number of parameters are used as input for assessing vulnerability. Therefore, further studies in this area need to include the socio-economic aspect, local factors at a detailed scale, etc., as additional inputs to produce better and more accurate results with respect to coastal vulnerability assessment.	

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PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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