

Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_100859
Title of the Manuscript:	Analysis of Wave and Tidal Characteristics After Marine Sand Mining Using MIKE-21 Modeling: A Case in North Galesong Takalar, Indonesia
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:

(<https://www.journalcjust.com/index.php/CJAST/editorial-policy>)

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? - YES (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? - YES (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive? - Need improvement</p> <p>4. Are subsections and structure of the manuscript appropriate? -YES</p> <p>5. Do you think the manuscript is scientifically correct? -YES</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. - Not sufficient. Suggested few references (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> <p>(Written in the reviewer's comments space ->)</p>	<p>In this article, author presented the characteristics of wave and tidal delineation after marine sand mining by Sand Mining Business in Bone Malonjo Waters, North Galesong District Takalar. The research method is tidal and waves data collection. Wave Numerical Modeling was conducted using the DHI-Mike 21 software, specifically the Boussinesq Wave (BW) module. The results shows that the data did not change significantly after mining. In comparison, the MIKE-21 modelling results describe the condition of the wave height in the east monsoon being lower than in the west monsoon.</p> <p>Comment#1: Improve the abstract Comment#2: Should revise the introduction. Comment#3: Add the following references</p> <ol style="list-style-type: none"> 1) Guled, C. N., Tawade, J. V., Nandeppanavar, M. M., & Saraf, A. R. (2022). MHD slip flow and heat transfer of UCM fluid with the effect of suction/injection due to stretching sheet: OHAM solution. <i>Heat Transfer</i>, 51(4), 3201-3218. 2) Tawade, J. V., Guled, C. N., Noeiaghdam, S., Fernandez-Gamiz, U., Govindan, V., & Balamuralitharan, S. (2022). Effects of thermophoresis and Brownian motion for thermal and chemically reacting Casson nanofluid flow over a linearly stretching sheet. <i>Results in Engineering</i>, 15, 100448. <p>Comment#4: The description of the entire manuscript requires further checking to make it right. Comment#5: Improve the quality of figures. Comment#6: The methodology must be presented in detail.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Minor grammatical errors are observed in the manuscript.</p>	
<p>Optional/General comments</p>	<p>Need minor revision</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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