

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_120892
Title of the Manuscript:	Application of Machine Learning in the Characterization and Classification of Hazards in Underwater Operations in the Oil and Gas Industry in Nigeria
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The contents of the manuscript are crucial for enhancing safety, improving operational efficiency, managing risks, protecting the environment, driving technological advancements, and ensuring regulatory compliance. This technological integration positions the industry to better handle the complexities of underwater operations.	
Is the title of the article suitable? (If not please suggest an alternative title)	yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Article abstract is comprehensive	
Are subsections and structure of the manuscript appropriate?	Yes, subsections and structure of the manuscript is appropriate	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Agglomerative Hierarchical Clustering (AHC) and K-Mean Clustering are most efficient algorithms.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References sufficient and recent	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, it meets the standard of the journal.	
Optional/General comments	The article can be accepted in present form.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Ugranada Channabasava
Department, University & Country	VTU, India