Review Form 3

Journal Name:	**Journal of Scientific Research and Reports**
Manuscript Number:	**Ms_JSRR_121969**
Title of the Manuscript:	**Impact of Geotechnical Engineering on Infrastructure Lifespan and Maintenance Costs**
Type of the Article	**Research paper**

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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.	**This manuscript has practical significance for the scientific community as it provides a comprehensive review of geotechnical engineering and its impact on infrastructure life cycles and maintenance costs. It integrates various aspects of geotechnical engineering, offering valuable insights for researchers and practitioners. It provides practical implications for infrastructure projects.**	
Is the title of the article suitable? (If not please suggest an alternative title)	**The title "Impact of Geotechnical Engineering on Infrastructure Lifespan and Maintenance Costs" is suitable as it clearly reflects the manuscript's focus and research objectives.**	
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.	**The abstract is comprehensive and provides a good overview of the manuscript's content. However, it could be improved by adding a sentence summarizing the key findings or contributions of the study.**	
Are subsections and structure of the manuscript appropriate?	**The subsections and overall structure of the manuscript are appropriate. They logically follow the progression of the topic, from an introduction to geotechnical engineering, its impact on infrastructure life cycles, and finally, its influence on maintenance costs and schedule.**	
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.	**This manuscript is scientifically robust and technically sound because it systematically reviews the field of geotechnical engineering and its interrelationship with infrastructure lifespan and maintenance costs. It references relevant studies and provides a clear understanding of the subject matter. The integration of practical applications and theoretical concepts strengthens its scientific value.**	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	**For "Based on perspective of public sector, infrastructure life cycle spans an asset whole life starting from the initial planning to the final disposal of asset. The sequential stages include comprise planning, preparation, procurement, design, construction, operation, maintenance and disposal", In order to improve the review quality of the article, it is recommended to update the references here. https://doi.org/10.1016/j.oceaneng.2024.116842 https://doi.org/10.1016/j.renene.2022.12.062 https://doi.org/10.1016/j.oceaneng.2024.118213**	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	The language/English quality of the article is suitable for scholarly communications.	
Optional/General comments		

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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)*	

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