

Review Form 1.7

Journal Name:	Asian Journal of Medicine and Health
Manuscript Number:	Ms_AJMAH_115170
Title of the Manuscript:	Crude Oil Pollution And Occurrence Of Adverse Pregnancy Outcomes In The Niger Delta Region Of Nigeria
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1- Yes, this manuscript is likely important for the scientific community for several reasons:</p> <ul style="list-style-type: none"> Public health concern: It addresses a critical public health issue in the Niger Delta, where oil pollution is widespread and could be harming pregnant women and their babies. Suggests a causal link: The study design and findings provide strong evidence for a potential association between oil pollution and adverse pregnancy outcomes. Informs future research: It highlights the need for further research with more robust designs to definitively establish cause-and-effect. <p>2- The title "Crude Oil Pollution And Occurrence Of Adverse Pregnancy Outcomes In The Niger Delta Region Of Nigeria" is fairly descriptive, but it could be improved for a couple reasons: Clarity: While accurate, it's a bit wordy. Emphasis: It doesn't fully emphasize the potential causal link the study suggests. Here are some alternative titles that are more concise and highlight the potential cause-and-effect:</p> <ul style="list-style-type: none"> Link Between Oil Pollution and Adverse Pregnancy Outcomes in the Niger Delta Crude Oil Exposure and Increased Risk of Pregnancy Complications in Nigeria Environmental Injustice: Oil Pollution and Pregnancy Risks in the Niger Delta <p>3- The abstract for this article seems comprehensive, but there's room for a slight improvement: Comprehensiveness: Covers the main points: It outlines the research question, methodology, key findings, and conclusion. Mentions limitations: Briefly acknowledges the limitations of the cross-sectional design. Room for Improvement: Specificity in findings: While it mentions a higher prevalence of adverse outcomes, it could be more specific. For example, mentioning the 30x increased risk would be impactful. Here's an example of how the abstract could be improved: Abstract: Oil exploration in the Niger Delta has led to severe environmental pollution. This study investigates the association between exposure to crude oil and adverse pregnancy outcomes. A comparative cross-sectional design was used with 900 participants from polluted and non-polluted communities. Pregnant women in the polluted community experienced a significantly higher prevalence of adverse outcomes, including stillbirth, abortion, and birth defects. The risk of experiencing an adverse pregnancy outcome was 30 times higher in the polluted area. This study suggests a strong link between oil pollution and pregnancy complications. Further research with robust designs is needed to confirm causality. Environmental cleanup and protective measures for pregnant women are crucial in these areas.</p> <p>4- Yes, the subsections and structure of the manuscript appear appropriate.</p> <p>5- Yes, the manuscript is scientifically correct.</p> <p>6- the references appear sufficient and recent for the manuscript</p>	

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	The language and English quality of the article are suitable for scholarly communication.	
Optional/General comments		

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>	

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