

Review Form 1.6

Journal Name:	Asian Journal of Geographical Research
Manuscript Number:	Ms_AJGR_84591
Title of the Manuscript:	IMPACT OF TEMPERATURE CHANGES ON GROUNDWATER LEVELS IN NZOIA RIVER BASIN, KENYA.
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://journalajgr.com/index.php/AJGR/editorial-policy>)

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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	<div><div>1. The paper needs a major revision. Linear regression is not a suitable method to address temperature and groundwater variability. It is such a dynamic and non-linear system and linear regression cannot address that.</div><div>2. Background information about the application of methodology need to be added in the introduction.</div><div>3. The theoretical framework should be presented and need to be justified more clearly in the introduction.</div><div>4. Methodology requires strong reasoning and justification.</div><div>5. The authors need to repackaging the manuscript to make it more understandable, relevant, and engaging to the intended readers.</div></div>	<div><div>The Reviewers comments are noted with appreciation. Climate change-water interactions; is a very dynamic study area, and will continue to employ a series of methodologies in an attempt to understand some of these interactions.</div><div>The Reviewers comments are noted with appreciation</div><div>The Reviewers comments are noted with appreciation</div><div>The Reviewers comments are noted with appreciation</div><div>The Reviewers comments are noted with appreciation</div></div>
Minor REVISION comments		
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?	<div>(If yes, Kindly please write down the ethical issues here in details)</div>	<div>This study ensured that ethical values are not violated by closely adhering to ethical guidelines for conducting research. After the approval of the research proposal, the researcher sought for written permission from Masinde Muliro University of Science and Technology, Directorate of postgraduate studies. The researcher also through the Directorate of postgraduate studies applied to National Council for Science, Technology and Innovation (NACOSTI) for research permit and authorization to collect data.</div>