

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_119886</b>
Title of the Manuscript:	<b>Impact assessment of groundwater recharge on replenishment of underground reservoir in Eastern Uttar Pradesh</b>
Type of the 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.journalijecc.com/index.php/IJECC/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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>The manuscript is significant for the scientific community as it provides detailed analysis and predictive modeling of groundwater resources in a specific region. The use of advanced modeling techniques and the focus on sustainable management align with global efforts to address groundwater depletion. It offers valuable data and methodologies that can be replicated or adapted for similar studies in other parts of the world.</p> <p>The title is suitable to current issues facing our present sustainability of groundwater.</p> <p>The abstract is comprehensive with clarity.</p> <p>The subsections and structure are well arranged.</p> <p>the manuscript appears to be scientifically correct. It uses an established modeling tool (Modflow), follows a rigorous methodology (calibration and validation), and presents plausible predictions based on the model's output.</p> <p>90% of the references are of recent. On this I give a pass mark.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>The author needs to use grammar checker app to correct some spellings and punctuation marks.</p>	
<p><b>Optional/General</b> comments</p>		

### 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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

### Reviewer Details:

Name:	<b>Peter Oluwanishola Mafimisebi</b>
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