

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_124921
Title of the Manuscript:	Estimation of Runoff using SCS-CN Method with RS and GIS Techniques for Kajurli Watershed”
Type of the Article	Original Research Article

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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.	This manuscript or research is very essential for this scientific community as it helps to improve the water research sector through GIS and Remote sensing techniques. Besides, this research also supports different SDG goals. However the writer or researcher did not explain their work properly. I think this manuscript need a major revision before publishing.	
Is the title of the article suitable? (If not please suggest an alternative title)	No. The title should be rearranged.	
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 too shot. The author should represent the whole research scenario including method, result and recommendations. Besides the abstract should contain minimum 2500 word.	
Are subsections and structure of the manuscript appropriate?	YES	
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.	<p>The introduction is too short. The author must include the importance of GIS and remote sensing in watershed management in the introduction part. They can read and cite following article in their manuscript to enrich their research paper</p> <ol style="list-style-type: none"> 1. Rana, M.M.S.P., Hossain, M. A., & Nasher, N. M. R. (2022). Identification of groundwater potential zone using geospatial techniques of agriculture dominated area in Dinajpur district, Bangladesh. Environmental Challenges, 7, 100475. https://doi.org/10.1016/j.envc.2022.100475 2. Uddin, M.G., Rana, M.M.S.P., Diganta, M.T.M., Bamal, A., Sajib,A.M., Abioui, M., Shaibur,M.R., Ashekuzzaman, S.M.,Nikoo, M.R., Rahman,A., Moniruzzaman, M., Olberta, A.I. (2024). Enhancing groundwater quality assessment in coastal area: A hybrid modeling approach. Heliyon,10, e33082. https://doi.org/10.1016/j.heliyon.2024.e33082 3. Rana, M.M.S.P., and Moniruzzaman, M. (2023). Potential Application of GIS and Remote Sensing to Evaluate Suitable Site for Livestock Production in Northwestern Part of Bangladesh. Watershed Ecology and the Environment,5. https://doi.org/10.1016/j.wsee.2023.07.001 4. Rana, M.M.S.P., Moniruzzaman, M., and Howlader, N.H. (2023). Land Suitability Analysis for Onion Cultivation in Faridpur District Using Geospatial Technique. Jagannath University Journal of Life and Earth Sciences,8(1), 33-46. https://www.researchgate.net/publication/371781628 5. Rana, M.M.S.P., and Moniruzzaman, M. (2023). A Combined GIS, Remote Sensing and MCDM Approach to Find Potential Location for Rainwater Harvesting Structure in Northwestern Part of Bangladesh. HydroResearch,6. https://doi.org/10.1016/j.hydres.2023.08.001 6. Rana, M.M.S.P., Hossain, M.A., Huq, M.E. (2022). Application of Geospatial Techniques to Demarcate Groundwater Availability Zone in Bangladesh. In: Islam, A., Das, P., Ghosh, S., Mukhopadhyay, A., Das Gupta, A., Kumar Singh, A. (eds) Fluvial Systems in the Anthropocene. Springer, Cham. https://doi.org/10.1007/978-3-031-11181-5_23 	

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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>A good scientific paper contains a minimum of two-digit figures of references. Unfortunately, this manuscript contains only eight references. Please add different references, including the following references.</p> <ol style="list-style-type: none"> 1. Rana, M.M.S.P., Hossain, M. A., & Nasher, N. M. R. (2022). Identification of groundwater potential zone using geospatial techniques of agriculture dominated area in Dinajpur district, Bangladesh. <i>Environmental Challenges</i>, 7, 100475. https://doi.org/10.1016/j.envc.2022.100475 2. Uddin, M.G., Rana, M.M.S.P., Diganta, M.T.M., Bamal, A., Sajib,A.M., Abioui, M., Shaibur,M.R., Ashekuzzaman, S.M.,Nikoo, M.R., Rahman,A., Moniruzzaman, M., Olberta, A.I. (2024). Enhancing groundwater quality assessment in coastal area: A hybrid modeling approach. <i>Heliyon</i>,10, e33082. https://doi.org/10.1016/j.heliyon.2024.e33082 3. Rana, M.M.S.P., and Moniruzzaman, M. (2023). Potential Application of GIS and Remote Sensing to Evaluate Suitable Site for Livestock Production in Northwestern Part of Bangladesh. <i>Watershed Ecology and the Environment</i>,5. https://doi.org/10.1016/j.wsee.2023.07.001 4. Rana, M.M.S.P., Moniruzzaman, M., and Howlader, N.H. (2023). Land Suitability Analysis for Onion Cultivation in Faridpur District Using Geospatial Technique. <i>Jagannath University Journal of Life and Earth Sciences</i>,8(1), 33-46. https://www.researchgate.net/publication/371781628 5. Rana, M.M.S.P., and Moniruzzaman, M. (2023). A Combined GIS, Remote Sensing and MCDM Approach to Find Potential Location for Rainwater Harvesting Structure in Northwestern Part of Bangladesh. <i>HydroResearch</i>,6. https://doi.org/10.1016/j.hydres.2023.08.001 6. Rana, M.M.S.P., Hossain, M.A., Huq, M.E. (2022). Application of Geospatial Techniques to Demarcate Groundwater Availability Zone in Bangladesh. In: Islam, A., Das, P., Ghosh, S., Mukhopadhyay, A., Das Gupta, A., Kumar Singh, A. (eds) <i>Fluvial Systems in the Anthropocene.</i> Springer, Cham. https://doi.org/10.1007/978-3-031-11181-5_23 	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>No . A lot of grammatical mistakes have been found in the manuscript.</p>	
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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