

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Original Manuscript_IJECC_117765</b>
Title of the Manuscript:	<b>Spatial Analysis of Surface Runoff Using Remote Sensing and GIS Techniques</b>
Type of the Article	<b>Review Article</b>

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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> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. <b>Although the manuscript is a traditional work, the method of application and research methodology are distinctive.</b></li> <li>2. <b>The title needed to customize the spatial analysis method (Spatial Analysis of Surface Runoff using SCS-CN Technique integrated with (GIS) and remote sensing).</b></li> <li>3. <b>Yes, the abstract of the article is comprehensive.</b></li> <li>4. <b>The introduction lacks a precise description of the methodology and previous studies.</b></li> <li>5. <b>Yes</b></li> <li>6. <b>Researchers must refer to recent references to add the method and previous studies, such as:</b></li> </ol> <p>Jahan, K., Pradhanang, S. M., &amp; Bhuiyan, M. A. E. (2021). Surface runoff responses to suburban growth: an integration of remote sensing, GIS, and curve number. <i>Land</i>, 10(5), 452.</p> <p>Gajbhiye, S. (2015). Estimation of surface runoff using remote sensing and geographical information system. <i>International Journal of u-and e-Service, Science and Technology</i>, 8(4), 113-122.</p> <p>Tailor, D., &amp; Shrimali, N. J. (2016). Surface runoff estimation by SCS curve number method using GIS for Rupen-Khan watershed, Mehsana district, Gujarat. <i>J. Indian Water Resour. Soc.</i>, 36(4), 1-5.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Maybe</p>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>1. Although the manuscript is a traditional work, the method of application and research methodology are distinctive.</li> <li>2. The title needed to customize the spatial analysis method (Spatial Analysis of Surface Runoff using SCS-CN Technique integrated with (GIS) and remote sensing).</li> <li>3. Yes, the abstract of the article is comprehensive.</li> <li>4. The introduction lacks a precise description of the methodology and previous studies.</li> <li>5. Yes</li> <li>6. Researchers must refer to recent references to add the method and previous studies, such as:</li> </ol>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Ahmed Gelany</b>
Department, University & Country	<b>Luxor University, Egypt</b>