

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_100372
Title of the Manuscript:	Hydrologic Design of Soil and Water Conservation Structures Using Probability Analysis and Machine Learning Techniques
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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. There is no in-depth discussion of why this research, which is related to the soil and water conservation structures and scarcity of a permanent source of water, is relevant. This journal seeks to support engineering science research in order to promote sustainable water resources through environmentally friendly designed systems that benefit human welfare while also being compatible with natural (environmental) systems that are sustainable. As a result, the title and substance of your research (from research objectives through introduction, discussion, and conclusion) must be related to features of sustainable water resources, such as focusing on soil and water conservation structures.</p> <p>2. The title of the research article is still inconsistent with the theme of the scientific focus area in this journal, so it should be modified to: "Hydrologic Design of Soil and Water Conservation Structures Using Probability Analysis and Machine Learning Techniques in Saurashtra Region of Gujarat India".</p> <p>3. The research abstract must still be changed to reflect the research objectives and the scientific field focus required by this publication.</p> <p>4. Still not appropriate, for example: the table design should not have vertical lines (see table 2) and should be tailored to the template format offered by this journal.</p> <p>5. The research manuscript is scientifically valid, but it has to be changed to reflect the focus of the scientific field required by this publication. Aside from that, do you not employ tools and materials in your research? If tools and materials are utilized, they should be presented in tabular form, along with their uses.</p> <p>6. References expect a minimum of 20 references primarily and latest (the last five years) with a minimum of 60% from reputation journal papers and the DOI should be given (Scopus or WoS).</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes, suitable for scholarly communications	
<p>Optional/General 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>Are there ethical issues in this manuscript?</p>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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