

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_101845
Title of the Manuscript:	Design of an Open Channel for Flood and Gully Erosion Control: A Case Study of Amakohia-Uratta in Imo State, Nigeria
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.journaljerr.com/index.php/JERR/editorial-policy>)

Review Form 1.7

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>Yes. It is a work of simple methodology, but it has relevance for the scientific community. Such relevance is evidenced in the proposal of an interesting alternative to control a problem related to a common phenomenon, which are floods.</p> <p>Yes. The title is appropriate.</p> <p>Yes. The abstract is understandable and faithfully represents the synthesis of the manuscript.</p> <p>Yes. The sections into which the manuscript is divided are of satisfactory quantity and quality.</p> <p>Yes. This is a viable implementation proposal.</p> <p>Yes. References are considerably current and compatible with the size of the manuscript.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>I do not have the technical conditions to assess the quality of the English presented.</p>	
<p>Optional/General comments</p>	<p>I suggest writing an additional paragraph in the introduction, making the objective of the work more evident.</p> <p>In Equation 1, I suggest representing the quantities by symbols or letters, and not by full words ("Upstream Elevation", "Downstream Elevation" and "Maximum Length of Flow"). Right after the equation, the description of each of these magnitudes, as well as their units, can be made.</p> <p>In Manning's expression (Equation 6), I suggest mentioning the units of the magnitudes involved.</p> <p>I consider that Figure 1 is disproportionate, in the sense that measure 1.5 is represented by a straight line segment shorter than measure 1.</p> <p>I believe there is an error in Equation 8. In the zd plot the letter d must be squared. That is, $A = bd + zd^2$.</p> <p>Item 3 (results and discussion) consists of a table and only one paragraph written about it. I suggest conducting a deeper and more detailed discussion of the results, scrutinizing the information in Table 2.</p> <p>The conclusion is a good length (four paragraphs). However, I recommend including an additional paragraph that addresses the scientific gap that the manuscript sought to fill.</p>	

Review Form 1.7

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>	

Reviewer Details:

Name:	José Nilton de Abreu Costa
Department, University & Country	Universidade Estadual Vale do Acaraú, Brasil