

[Review Form 3](#)

Book Name:	<a href="#">Geography, Earth Science and Environment: Research Highlights</a>
Manuscript Number:	Ms_BPR_4218
Title of the Manuscript:	THE SHEAR STRENGTH BEHAVIOUR OF YAMUNA SAND-A PRELIMINARY STUDY
Type of the Article	BOOK CHAPTER

**PART 1: Comments**

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	<ul style="list-style-type: none"><li>The manuscript will be helpful because it is covering the important test (triaxial test) which is related to the soil testing.</li><li>This is also covering the sand behavior of some specific area which will be helpness using the data for any ivestigaton purpose.</li><li>This includes the strength papeameters of the soil.</li></ul>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes the title of the manuscript is suitable.	
<b>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.</b>	<ul style="list-style-type: none"><li>I think the abstract needs revision and specially remove line or modify it because this is showing the negative impact on paper "and results are very different from direct shear test results."</li><li>If possible please add percentage increase or decrease in the results.</li><li>The keywords are inappropriate because the word triaxial is repeating two times.</li></ul>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes, the manuscript is scientifically correct.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	No the references are limited please try to add more recently published paper references related to your topic. The references are limited to 2021, why please add more recent references.	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The quality of the English language is suitable according to the manuscript.	
<b><u>Optional/General</u> comments</b>	<ul style="list-style-type: none"><li>If possible please provide reference why using "confining pressures i.e., 1 kg/cm<sup>2</sup>, 2 kg/cm<sup>2</sup> and 3 kg/cm<sup>2</sup>".</li><li>Give the reason why "The effect of rate of shearing on shearing of Yamuna sand is not considered in this testing".</li><li>The reason of why the strength is increasing is not mentioned in the results &amp; discussion part but some points are discussed in conclusions. If possible please add this to the results section.</li><li>There are some space mistakes which should be corrected.</li><li>The units in this manuscript are not consistent; you are using mm and cm why use mm or cm. Also, kPa are used and in some graphs using Mpa. Please use the same units.</li><li>The quality of Fig-12 is poor, if possible please try to replace it with some other good picture.</li><li>Please elaborate the conclusion part, the present conclusion part is explained with very limited approach.</li></ul>	

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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)
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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