

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_129280
Title of the Manuscript:	Study on the influence of fiber on the performance of foam concrete
Type of the Article	Opinion Article

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>
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.	This study is important for the scientific community as it can help provide insights concerning the prospects of fiber on the performance of foam community. It will also help in encouraging future more extensive studies on fiber and foam concrete in China. Finally, it can provide a guide for future scientific research on foam concrete in the construction industry.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title of this study is suitable	
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.	Some of the findings on the progress of fibre on the performance of foam and a conclusion should be added to the abstract. This would help in making it more comprehensive.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically fair, as it is a study, the author(s) is advised to make more extensive analysis of the data and themes from related works.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>The points in section 3.1 titled "Mechanism of fiber reinforced foam concrete performance" should be backed up with appropriate citations from the second to the fifth sentence.</p> <p>Also, the first sentence in the second paragraph of section 3.2 "Influence of different fiber types on the performance of foam concrete" should have an appropriate citation to back up the claim attributed to Basalt fiber.</p> <p>Recent references should be sourced and cited to back the claims made in;</p> <ol style="list-style-type: none"> i. The second sentence in paragraph two of the "Introduction"- "The addition of fiber can effectively improve the mechanical properties and dry shrinkage of foam concrete, and solve the problems of poor mechanical properties and easy cracking of foam concrete" ii. The third sentence in paragraph two of the "Introduction"- "Fiber materials have high tensile strength and toughness, which can effectively inhibit the generation and expansion of cracks, and enhance the crack resistance, compressive strength and impact resistance of foam concrete" <p>The explanation of the "Material properties of foam concrete" should be more expansive with atleast one paragraph to describe how the properties of foam concrete influence its performance.</p>	

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Is the language/English quality of the article suitable for scholarly communications?	The article is readable, the language quality is fine and suitable for scholarly comm	
<u>Optional/General</u> comments		

PART 2:

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

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