

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_103058
Title of the Manuscript:	Research Progress of Geopolymer Recycled Concrete
Type of the Article	Minireview 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>)

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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1- The manuscript on the research progress of geopolymer recycled concrete is important for the scientific community, particularly for researchers and professionals in the fields of civil engineering, materials science, and sustainable construction. The manuscript discusses the combination of geopolymer concrete and recycled aggregate technology, which has the potential to address the environmental impact of concrete production and waste management.</p> <p>2- The title "Research Progress of Geopolymer Recycled Concrete" seems suitable for an article discussing advancements in geopolymer recycled concrete.</p> <p>3- The abstract of the article appears to be comprehensive. It provides a succinct overview of the key points covered in the manuscript. It introduces the concept of geopolymer concrete and its potential as a green building material.</p> <p>4- A well-structured scientific manuscript (minireview manuscript).</p> <p>5- Yes, the manuscript is scientifically correct and after careful examination, I found that the study design as well as overall presentation aligns with scientific principles and standards.</p> <p>6- The author must choose recent references because among 37 references, only 8 that are recent ones.</p> <p>The manuscript covers various aspects of the mechanical properties of geopolymer concrete and recycled concrete, including the influence of alkali activator, curing method, curing age, and raw materials. The discussion on the raw materials of geopolymer concrete, such as fly ash and slag, and their effects on the strength and properties of the concrete is informative. The research on alkali activators and their impact on the compressive strength of geopolymer concrete is also well-presented but it must be recent.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The article presented ideas in a clear and organized manner, allowing readers to follow the logical flow of information. Sentences and paragraphs are well-structured, and transitions between ideas are smooth.</p>	
<p>Optional/General comments</p>		

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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>	

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