



**SDI Review Form 1.6**

Journal Name:	<b>Journal of scientific research and reports.</b>
Manuscript Number:	<b>Ms_JSRR_68436</b>
Title of the Manuscript:	<b>PROPERTIES OF SUSTAINABLE CONCRETE CONTAINING RED MUD: A REVIEW</b>
Type of the Article	<b>Review Article</b>

**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:

(<http://www.sciencedomain.org/journal/10/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)
<b>Compulsory</b> REVISION comments	<p><b>First: The abstract of this manuscript, as it stands, is poor and lacks principles for writing abstract of manuscripts. The summary should be rewritten according to the following points:</b></p> <ol style="list-style-type: none"> <li>1) Research background (research problem, justifications and importance)</li> <li>2) Research objectives (the main objective of the research)</li> <li>3) Research methodology (means, techniques, and methods)</li> <li>4) Research results (reviewing the new results reached by the researcher and the language of numbers)</li> <li>5) The most important conclusions</li> </ol> <p><b>Second: Results:</b> The results are not clear, the researchers did not succeed in discussing the figures and table, The author did not use scientific methods to discuss the results compared to previous studies.</p> <p><b>Third: references</b></p> <ol style="list-style-type: none"> <li>1) The style of his written references is incorrect; the researcher must follow a APA style.</li> <li>2) Some references are very old, and this contradicts solid scientific research, must be remove all references before year 2000.</li> <li>4) Must be added the following references in order to improvement the methodology of the manuscript.                     <ol style="list-style-type: none"> <li>A) Maha Habeeb, Adel Al-Azzawi,, Faiq M. S. Al-Zwainy, "Punching shear behaviour of solid and bubble reinforced light Weight aggregate concrete two-way slabs", IOP Conference Series: Materials Science and Engineering, Vol.584, No.1, 2019, 012013.</li> <li>B) Shakir Almashhadani , Faiq Al-Zwainy and Mohammed Aldikheeli. "Effect of Cooling Method on Residual Properties of Sustainable Fiber Reinforced SCC Exposed to Elevated Temperature". Journal of Engineering and Applied Sciences. Vol.14, No.3, 2019, 887-897.</li> <li>C) Shakir Almashhadani , Faiq Al-Zwainy and Mohammed Aldikheeli, "Behaviours of sustainable self-consolidating concrete exposed to elevated temperatures". IOP Conference Series: Materials Science and Engineering, Vol.433, No.1, 2018, 012014.</li> <li>D) Faiq Al-Zwainy, Shakir Almashhadani, and Mohammed Aldikheeli. " MICROSTRUCTURE ANALYSIS AND RESIDUAL STRENGTH OF FIBER REINFORCED ECO-FRIENDLY SELF-CONSOLIDATING CONCRETE SUBJECTED TO ELEVATED TEMPERATURE". INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET). Vol.9, No.4, 2018, 15-31.</li> <li>E) Faiq Al-Zwainy, Shakir Almashhadani, and Mohammed Aldikheeli. " Physical and mechanical characteristics of sustainable self-consolidating concrete incorporating high volume fly ash and cement kiln dust". MATEC Web of Conferences. Vol.162, 2018, 02025.</li> <li>F) Faiq Al-Zwainy, Rana IK Zaki, Atheer Mahmood Al-saadi, Huda F Ibraheem. " Validity of artificial neural modeling to estimate time-dependent deflection of reinforced concrete beams". Cogent Engineering. Vol.5, 2018, 1477485.</li> </ol> </li> </ol>	
<b>Minor</b> REVISION comments	Improvement language	



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Optional/General comments	NO	
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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>	

Reviewer Details:

Name:	<i>Faiq M. S. Al-Zwainy</i>
Department, University & Country	<i>Al-Nahrain University, Iraq</i>