



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_30995
Title of the Manuscript:	Evaluation of Pozzolanic Activity of Illitic and Lateritic Raw Materials from Burkina Faso
Type of the Article	<u>Original Research Article</u>

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:

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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)
<u>Compulsory</u> REVISION comments	Authors carried out comprehensive experimental studies for evaluating the pozzolan activity of lateritic and illitic raw materials. The research work has great significance in the concrete industry. There are some comments the authors should give some revisions in their manuscript. Comment 1: The authors should discuss the initial capital cost and the associated energy savings of using the lateritic and illitic raw materials in concrete. Comment 2: Can the author show the photos of Laye and Rouko raw materials in the research work? Comment 3: What is the meaning of "L.D." in Table 2? Comment 4: The authors need to give the intensity value for Y-axis in Fig. 2, also transmittance in Fig. 3. Comment 5: The characteristic forms of kaolinite should be marked in SEM image (Fig. 6). In addition, more evaluation of the SEM image is needed for Rouko and Laye. Comment 6: What is the standard deviation in the measurement of compressive strength values in Fig. 12? Besides, the author need to think about the effect of replacement level on the compressive strength. Comment 7: The English writing should be improved significantly. Many linguistic errors are found, for instance: On page 1, line 14, "it" should be "its". On page 2, line 41, "shows" should be "show". On page 2, line 42, "his" should be "has".	The authors are agreed with all Reviewer's comment and the different correction have been done. Comment 1: Energy and economic savings on the use of pozzolan is very well discussed in the literature. In order not to repeat what is available, we have decided not to make this assessment. Comment 2: The photos of Laye and Rouko are inserted in the text. Comment 3: "LD" means Detection Limit and he means is given. Comment 4: The Y-axis of Fig.2 and Fig 3. Are corrected. Comment 5: The characteristic forms of kaolinite are marked in SEM image. Comment 6: The standard deviation of compressive strength are done Comment 7: The English writing have been improved
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		