



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_10281
Title of the Manuscript:	Sustainable Study of Local Lateritic Soils Compressibility
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

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	If any ethical issue, please clarify	
<u>Minor</u> REVISION comments	1. I suggest the use of the more popular term "void ratio" instead of "vacuum index" in fig 3. 2. I also suggest that settlement should be plotted against the square root of time ($\sqrt{t}$) in the conventional way and not against time in the reverse way plotted in fig 4.	1. The term was changed all over the document. 2. For the sustainability of the work, the diagrams must be digestible/usable for the vast majority of earth technician that are not too much verse in the proposed conventional way.
<u>Optional/General</u> comments	1. If data in Table 1 is plotted on the Cassagrande chart, soil EK1 is clay while soils EK2 and EK3 are silts. Silts don't have serious consolidation problems. Study on clays should have been preferred. 2. Complete compressibility study should have normal and overconsolidated curves, and not only normal consolidation curves, shown in fig 3.	1. That is the point. It is not faire to study only one type of material deposits (Figure 1), but a series of layers with mixed materials order to provide for a reliable solution to technicians. 2. That is a good proposition that we shall consider to further the content of this work in the near future.