



SDI Review Form 1.6

Journal Name:	<u>Physical Science International Journal</u>
Manuscript Number:	Ms_PSIJ_24135
Title of the Manuscript:	Thermal diffusivity variations at Ministry of Agriculture Akure South, Ondo State, South-west Nigeria
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)
Compulsory REVISION comments	The references are misleading. He should overhaul the references. The introduction is sloppy. Some authors have done similar work. I expect the review to be a little robust. I have suggested some papers th e authors could consult to make the work better e.g. 1. Uno E Uno, Moses E Emeter, Adelabu, J. S.(2012). Parametric Investigation Of Soil Susceptibility To Compaction Using Temperature Deviation Curves. <i>Science journal of civil engineering and architecture</i>, 2012(2), pp.1-6 2. Uno E Uno, Moses E Emeter, Eneh C Daniel.(2012). Simulated Analysis of soil heat flux using temperature deviation model. <i>Science Journal of Physics</i>, 2012 (2), pp. 1-9 3. Moses E Emeter.(2012). Monitoring and Prediction of Earthquakes using Simulated Temperature Deviation Curve Model. <i>International Journal of Applied Information Systems</i>, 4(3), pp. 13-17 4. Uno E Uno, Moses E Emeter (2012). Analysing the Impact of Soil Parameters on the Sensible Heat Flux Using	As requested, the references have been overhauled. Also, works of other authors have been included such as: Ahmad M.F and Rasul. G (2008): Prediction of soil temperature by air temperature: A case study for Falsalabad, <i>Pakistian J of Met.</i> Vol. 5, pp.19-27, Uno E Uno, Moses E Emeter, Adelabu J.S (2012): Parametric investigation of soil susceptibility to compactions using temperature deviation curves, <i>Science Journal of Civil Engineering and Architecture</i>, Vol. 2, pp.1-6., De Vries, D.A. "Heat transfer in soils. In: De Vries, D.A. and Afgan, N.F., (eds). Heat and



SDI Review Form 1.6

	Simulated Temperature Curve Model. <i>International Journal of Physics & Research</i>, 2(4), pp. 1-9 14. Uno E. Uno, Moses E. Emeteri and Abdulrahman U. Usman (2013). Parametric Analysis of Ground Temperature Profile In Bwari-North Central Nigeria. <i>Journal of Environmental and Earth Science</i> 3(5), pp. 155-160 Author should consult a professional to edit the grammar and typos e.g line 49, page 2 ; line 68 page 3; line 71-74, page 3 e.t.c.. Conclusion is too short and devoid of one the objectives of the paper Please clarify the ethical issue: Where the Davis Pro data was obtained must be stated with its address. Maybe at the acknowledgement section	mass transfer in the Biosphere: Transfer processes in plant environment. New York, Wiley, 1975. p.5-28. The said lines as well as the entire manuscript have been edited and observed mistakes corrected. The conclusion has also been reviewed and the necessary additions have been made. The Davis Vantage Pro data logger and tiny sensors were obtained from the department of Physics, Federal University of Technology, Akure, Ondo State Nigeria
Minor REVISION comments		
Optional/General comments		