



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_48055
Title of the Manuscript:	Investigation of Carbon Dioxide Variations over Some Selected Points in Nigeria Using Neural Network Model
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>)

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	<ol style="list-style-type: none"> Title is changed but not the sentence in abstract. Objective is to investigate carbon dioxide emissions in Nigeria using neural network model so conclusion must focus on it. http://www.gmes-atmosphere.eu/data cannot be opened, how come it is reliable? Most recent literature utilize a decadal record of carbon dioxide emission e.g. 1979-2014, 1990-2014, why your study is just based on a four-year term from 2009-2012? INTRODUCTION mentioned that no research is known to have studied NN modelling of spatial variations with respect to carbon dioxide in Nigeria, try these: Volatility Forecasting: An application of a Recurrent Dynamic Neural Networks in Nigeria Models for Computing Emission of Carbon Dioxide from Liquid Fuel in Nigeria Check grammar, punctuation and spelling. Add more literature. 	<ul style="list-style-type: none"> Sentence Corrected in the abstract as directed The conclusion has been adjusted as directed The source is reliable. We were permitted to access only 2009-2014 (the only available data then). What some researchers does most of the time is to extrapolate. Most of these satellite CO2 data are experimental. They will experiment the data for an area, host it and move to another site. The data was downloaded since 2016 from the site I reference, the recent finding after your demand show that they might have move it to another site for hosting which I believe is https://www.nodc.noaa.gov/ocads/about.html. Again, you need some software and matlab coding to convert the data from NetCDF format I mean using NN modelling for spatial variations with respect to carbon dioxide in Nigeria, not using it for financial purposes or other things. Again, the second paper was based on carbon dioxide from liquid fuel (NNPC). The study was not done based on spatial distribution of co2 over Nigeria.
Minor REVISION comments		
Optional/General comments		