

Review Form 1.7

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_107644
Title of the Manuscript:	Electrical Resistivity Mapping; A Case Study of Groundwater Iron Concentration in Otuoke and Environs
Type of the Article	

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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ul style="list-style-type: none"> - The idea is important. - "Electrical Resistivity Mapping" is not adequate with the content because there are no geoelectrical maps in the manuscript. Title suggestion "Using the Electrical Resistivity method to assess Groundwater Iron Concentration in Otuoke and Environs (Nigeria)". - Yes - Yes - It must be revised carefully. The introduction need more literature and results missing more details and is not well interpreted. - The authors are asked to discuss more references. Also, most of the references used are very old. It is important to use sources published in the few past years. The sources published for example in the past 5 years are more current and may reflect the newest discoveries related to your research topic. - Some documents listed in the references section are not cited within the text. Example: <i>Nwankwoala H.O. and Ngah S.A. (2014). Groundwater resources</i> - Interpretation of Table 2 is required. - The study area map (Figure 1) is not clear; we expect a high-resolution map in the revised version. - In the methods and materials section, it is recommended to show the spatial location of the geoelectrical drilling and the VES stations on a topographical map of the study area. - Geological map of the study area is required. - In table 1, the geological age of only one unit is identified. What is the age of the rest of the units? - Lithostratigraphic correlation (Figure 2) is missing the legend and position in the study area. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The manuscript must be edited by an English-speaking native.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> - Overall, the paper is not well presented, and it is not suitable for publication in the current form. <p>The authors must provide a suitable version of their manuscript before resending this paper for another revision.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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Reviewer Details:

Name:	Abderrahim Ayad
Department, University & Country	Abdelmalek Essaadi University, Morocco