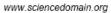
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Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_13821
Title of the Manuscript:	GEOPHYSICAL DETERMINATION OF THE CAUSES OF EROSION IN SOME PARTS OF ABIA STATE, SOUTHEASTERN NIGERIA
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that \underline{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,
	neviewer s comment	correct the manuscript and highlight that part in
		the manuscript. It is mandatory that authors
		should write his/her feedback here)
Compulsory REVISION comments		
	1. Method used has not justified the title of	
	this paper: The 8 VES and the	
	interpretation presented have not shown the	
	causes of erosion in parts of Abia state.	
	2. The author has failed to relate the result of	
	VES with erosivity and gully geometry of	
	the 8 sites contested.	
	3. There is no map or photograph showing	
	any of the gully sites in Abia and the	
	projected menace.	
	4. Electrical resistivity data alone is not	
	enough tools to explain causes of erosion.	
	Author should have combined this method	
	with geotechnical, collecting the erosive	
	soil and finding some geotechnical	
	characteristics such as: Grain size	
	distribution, moisture content, density,	
	plasticity index, shear strength, porosity	
	etc. Alternatively, the author could relate	
	the VES result to geotechnical findings of	
	any recent scholar.	
	5. The author has not considered any of the	
	numerous environmental field factors	
	causing erosion in this paper in line with	

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	his literature review. 6. This paper has no research base to justify the title, materials and method and the claims. For example, a claim that resistivity values from 500 Ohm-m to 5500 Ohm-m are prone to erosion in Abia or in the SE Nigeria is not justified.	
Minor REVISION comments	 The literature review almost elusive of the research topic and thus not justifying the study. Correction factor of 1.5 is not justified as surface elevation measurement technique was not discussed. Data processing software used (Henker 1982) is fairly obsolete and not mentioned. 	
Optional/General comments		

Reviewer Details:

Name:	Michael a. Nwachukwu
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