Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	**Ms_JGEESI_46635**
Title of the Manuscript:	**ANALYSIS OF FRACTURE NETWORKS OF THE BLACK VOLTA CATCHMENT IN CÔTE D'IVOIRE**
Type of the Article	**Review Paper**

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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	**Abstract:** (The good to be replaced by A good) (This study interests the catchment of Black Volta area in northeastern Côte d'Ivoire, …check again, may be you mean This study area of interest is the catchment of Black Volta area in north eastern Côte d'Ivoire.) (its aims should start as It aims) (Various methods are used should be replaced with Various methods were used) (such fracture lengths and spacing are distributed respectively according to the power law and gamma law should be replaced with such as fracture lengths and spacing are distributed respectively according to power law and gamma law) (equal to a1 = 34, 5 km and a2 = 60 km …. Change 34, 5 km to 34.5 km) (undertaking to be replaced by undertaken) Introduction: (preferentially in the aquifers fissured should be replaced with preferentially in the fissures of the aquifers) (materiel should be replaced with material) (These aquifers had the advantage to be at safe of seasonal fluctuations… revisit and rephrase) (and this basin is badly know… replace with and this basin is not well known or and this basin is well known as appropriate) (The present study interest the part of Black Volta basin were study are sparse…. make it clear…something like… The present study area of interest is the part of Black Volta basin with only a few studies recorded covering the area) (a surface of…relace with … a surface area of) (7°78….this is not the proper way to indicate coordinates of study locations. For e.g 7°78 should be written as 7°78'**00")** **Methodology:** **(**caused by the noises atmospheric and radiometric **….should be replaced with** caused by atmospheric and radiometric noises**)** **(**contributed to improve apparent should be replaced with contributed to the improvement of apparent**)** **(**The essence of these operations was carried out on these last including…check) (at the time of this study are three should be replaced with at the time of this study were three) (The statistical analysis consisted to study the.. should replaced with The statistical analysis consisted of study of the..) **(**Geostatistical analysis consisted to study the.. should be replaced with Geostatistical analysis consisted of study of the… (The control and validation of the extracted lineaments are… should be replaced with The control and validation of the extracted lineaments were..) Methodology is satisfactory **Results** **(**Statistical analysis of fracturing has allowed to have a better knowledge should be replaced with Statistical analysis of fracturing has contributed a better knowledge) Statistical analyses is satisfactory **Conclusion:** (satellite images allowed to mapped 12 596 lineaments should be replaced with satellite	The authors agree with the comments with reviewer's. Some suggested sentences for the different parts of the article (Summary, Introduction, Methodology, Results and Conclusion have been replaced and highlighted.

	images aided the mapping of 12 596 lineaments (analysis analyses) (Spacing was distributed according is of gamma law…check) **References** Referencing is satisfactory	
Minor REVISION comments		
Optional/General comments	Improve the English	

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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	