



SDI Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_51078
Title of the Manuscript:	Spatial Evaluation of Droughts Using Selected Satellite-Based Indices in the Upper Tana River Watershed, Kenya
Type of the 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	I suggest improving the watershed localization figure, as well as the representation of individualized maps of the SPI and NDVI analysis periods by selecting some pertinent years to explain the phenomena, thereby reducing the number of map thumbnails, and inserting the legend in the figures. I also suggest creating a clearer map layout, with only the information strictly necessary. The contextualization of the environment and the Kenyan agricultural sector could be better explored, as well as the stages of data processing in the GIS and adopted methods for database integration.	
Minor REVISION comments	I would suggest improving the description of the methodology; as, for example, the TRMM database was mentioned in the abstract, but not showed the its use in the methodology section. I would also suggest further discussion of the results by further exploring its aspects, detailing what was observed in the maps between the high and lowland areas. Another suggestion would be to reduce the number of maps in the figures by inserting only the most relevant periods of the series and incorporating the legend into the figure, if possible. Another suggestion would be to make a layout of the Tana River watershed, with its respective area or upper sub-basin region.	
Optional/General comments	The article was written efficiently and, there are points that indicate reasonable consistency in the technic argumentation. This article presents an important aspect regarding an agricultural and environment approach in the regional scale with use of the meteorological databases and remote sensing.	



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

Reviewer Details:

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