

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_93564
Title of the Manuscript:	Impacts of climate change on water stress in West Africa: Case study of the N'zi (Bandama) watershed in Côte d'Ivoire
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:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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	<p>The writing is sometimes confusing and it needs improving.</p> <p>Item 2.1 Presentation of the study area, has none bibliographic citations. Additionally, the study are should include any meteoceanographic phenomena important for the observed climate.</p> <p>The methodology can be better organized, its description is short, and there is no explanation of why the analyses used are important. The data used must be more thoroughly described. What kind of data, instrument specifications (if applicable), and temporal frequency? Were there any other stations in the area? Were the data complete or are there holes in the sampling? What are the data sources? Where were they acquired? Are they available for the scientific community?</p> <p>The results must be followed by deep discussions on why that process happens, relate it to known phenomena, like ENSO, and relate it to other papers in the literature.</p> <p>In the discussion, the author relates the change in flow with climate change. Carefull must be taken when this issue is addressed, once climate change is a ver general term and the author only evaluates 30 years of data, which is too little to analyze any kind of climate trend. Additionally, the author did not evaluated or commented other physical phenomena that can be related to the results (e.g., know oscilations like ENSO, NAO, AAO, and others).</p> <p>It would be very interesting if the author related the flow results with socio-economic ones, like it was proposed in the introduction. What are the consequences of the results found to the population, industry, agriculture and others. What are their specific needs? What are the trends? What can be done (solutions)? What is the precipitation climatology? Is it changing?</p>	
Minor REVISION comments	<p>The quality of Figure 1 must be improved. It is difficult to read. it is not clear which part of the right panel of Figure 1 is zooming from the left panel. A highlight of what is been zoomed would help.</p> <p>Figures' and Tables' legends must be self-explaining. There are figures in other languages than English. There are figures with more than one panel without any explanation of what each panel means.</p> <p>The description of the analysis of Water Allocation Index lacks a reference. Was it developed by the author? A referece must be included. Doctoral dissertations should not be included as references, mainly if it is the only reference regarding a subject. It is not clear the difference between the Water Allocation Index and the water demand satisfaction rate. They seem like the same thing. Why use two different names?</p> <p>The abstract is not a summary of your text. It can be much more improved.</p> <p>The author can look for more references to support and better discuss the subject.</p>	
Optional/General comments		

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>	

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