Review Form 3

Journal Name:	**International Journal of Environment and Climate Change**
Manuscript Number:	**Ms_IJECC_126513**
Title of the Manuscript:	**Influence of Climatic and Oceanographic Parameters on CO2 Exchanges at the Air-Sea Interface in the Gulf of Guinea**
Type of the Article	**Original Research Article**

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Overall, this study has a strong foundation and addresses a pertinent, novel topic with a solid methodological approach and relevant findings. With minor adjustments, the study appears well-prepared for publication and could make a significant contribution to the understanding of CO_2 fluxes in a key but understudied region.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable for this research article	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	This study abstract is well-structured and appears to have substantial merit for publication in your journal. **It would be better if the Authors included the importance of this analysis to make their research aim stronger.**	
Are subsections and structure of the manuscript appropriate?	The subsections are generally good, but! there are some corrections needed I highlighted the corrections in the manuscript. Such as Study Area Presentation and 2.2 Methods	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This paper is present a significant conclusion that climatic and oceanographic parameters synergistically modulate CO_2 exchanges is valuable, especially in the context of integrating these parameters into climate models to improve climate predictions. Emphasizing the study's implications for global climate change models strengthens its relevance, potentially widening the appeal to interdisciplinary journals or climate modeling research.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	The references considered in this manuscript are valuable in fact we suggest the authors to check the corrections we highlighted in the manuscript. **Check the paper for more details.**	
Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	It is quite suitable.	
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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Majda AOUITITEN**
Department, University & Country	**Beijing Forestry University, China**

Commented [EA1]: Must be included in the Materials and Methods part not before.

Commented [EA2]: Here we suggest the authors to use "Data Processing" as sub-title instead.