

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_130144
Title of the Manuscript:	Modelling Seasonal Migration Patterns of Wildebeest under Climate-Driven Changes: A Predator-Prey Model with De Angelis Functional Response
Type of the Article	

PART 1: 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. A minimumof 3-4 sentences may be required for this part.	This manuscript offers significant insights into the dynamics of predator-prey relationships, emphasizing the impact of seasonal resource variability. By modelling these interactions, the study enhances our understanding of how environmental fluctuations influence species behaviour and ecosystem stability. The findings are particularly valuable for conservation efforts, providing a predictive framework for managing wildlife populations in the face of climate change and habitat alterations.	Thank you
Is the title of the article suitable? (If not please suggest an alternative title)	The current title is informative and captures the essence of the manuscript.	Thank you
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.	The abstract is comprehensive and provides a good overview of the study. I do not think any point needs to be deleted. However, I think the findings needs to be summarized and a brief statement on the significance of the findings added.	This part has been included in the abstract of the submitted article
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct based on the formulation of the predator-prey equations, and through analysis of the model's dynamics.	Thank you
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references provided are not sufficient and do not cover all topics relevant to the manuscript. I suggest adding more recent references (2022-2024) to strengthen the manuscript's currency and relevance. Add references on advanced predator-prey models that incorporate environmental variability. Include recent global studies on how climate variability impacts migratory species. Cite papers discussing conservation strategies to mitigate climate change impacts on migration.	Several references have been cited to strengthen the article
Is the language/English quality of the article suitable for scholarly communications?	Overall, the article's language and English quality are good and therefore suitable for scholarly communications.	Thank you
Optional/Generalcomments		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	