

Review Form 3

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_131216
Title of the Manuscript:	Simulation of Solute Transport in a Finite Aquatic Ecosystem Using the Two-Dimensional Advection-Dispersion Equation in Cylindrical Coordinates: Analysis of the Impact of Emergent and Rigid Vegetation
Type of the Article	

PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	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 minimum of 3-4 sentences may be required for this part.	The presented article is very important and analytical solution of the two-dimensional linear advection-dispersion equation in cylindrical coordinates on a finite domain is developed for solute transport in a radial porous medium and a circular source subject to steady and uniform groundwater.	
Is the title of the article suitable? (If not please suggest an alternative title)	We suggest the title “ Two-dimensional linear advection-dispersion equation in cylindrical coordinates on a finite domain: Analysis of the Impact of Emergent and Rigid Vegetation”	
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.	Yes, abstract of the article comprehensive, but need addition 2 sentence about the analysis of the results obtained.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically, correct, but in the introduction section must be added introduction about Two-dimensional solute transport in a porous media system with a radial geometry and where was it applied?	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references very sufficient and recent, but may need the following reference https://doi.org/10.1016/j.ijheatmasstransfer.2020.120569	
Is the language/English quality of the article suitable for scholarly communications?	Some sentences need English correction, but may be suitable for scholarly communications.	
Optional/General comments	1. Throughout the paper, the authors do not use the page and line numbering, so it is difficult to identify easily the lines and paragraphs. 3. the reference no [10] not found in the text. 2. In the section of results some figures for examples Fig. 7 requires more indication in comparison with other figures.	

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)	

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