

Review Form 3

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_130335
Title of the Manuscript:	Numerical Modeling of Seawater Intrusion: Implication for Sustainable Coastal Aquifer Management
Type of the Article	A review article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	A numerical modelling is an accurate and economical tool to simulate and predict the head and quality of groundwater in coastal aquifers if it is properly calibrated using the available measurements of heads, pumping rates, and boundary conditions. The article presents the fundamental principles and mechanisms of seawater intrusion into coastal aquifer. In addition, different applicable mathematical models for seawater intrusion into coastal aquifer stated in this review as visual MODFLOW, MT3DMS routines, SEAWAT-2000 routines and FEFLOW routines are presented.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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 of the article is comprehensive!	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct without any doubt!	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are at their minimum but they are sufficient and recent!	
Is the language/English quality of the article suitable for scholarly communications?	Language and the English quality of the article are suitable for scholarly communications!! I am absolutely satisfied!	
<u>Optional/General</u> comments	No comments!	

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>	

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