

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_111644
Title of the Manuscript:	Soil moisture modelling in semi-arid Devbhumi Dwarka region by integrating remote sensing and artificial neural networks
Type of the Article	Original Research Article

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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>The authors have done a good job with the work and with the manuscript. Use of RS technology for moisture content analysis is very much appreciated. The authors have depicted very comprehensive results and the literature survey is very well written.</p> <p>Yes.</p> <p>Following suggestions/corrections can be incorporated.</p> <ol style="list-style-type: none">1. Map courtesy to be shown2. Details of the satellite images should be given. Refer to the following papers for the same https://doi.org/10.14445/22315381/IJETT-V71I11P221 DOI: 10.1007/s40031-023-00865-43. What is the takeaway from the literature survey ? What are the lacunae4. It is better to incorporate a block diagram/flow diagram to indicate the flow of the work.5. Conclusion should be in sync with the abstract. Have the objectives been met ?6. Rest all looks good. Good Luck !	Noted
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	YES	
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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	