

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_103930
Title of the Manuscript:	ESTIMATION OF WATER SPREAD AREA IN SELECTED TANKS OF CUDDALORE DISTRICT OF TAMILNADU USING SENTINEL-1A SAR DATA
Type of the Article	Original Research Article

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

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 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. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> 1. I think so. It is made clear in the conclusion when the writer says: "The application of the Thresholding method using Sentinel-1A SAR in conjunction with Google Earth Engine and ArcGIS software proved to be successful in estimating and monitoring the water spread area in the Kattumannarkoil block of the lower Velar sub-basin." 2. It is alright. 3. I think it is OK, although the author does not formulate the problem, why the district of Tamilnadu is using Sentinel-1a SAR data. 4. They are acceptable. 5. From the analysis given, this finding can be accepted. 6. It is enough. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<ol style="list-style-type: none"> 1. It is good. 	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> • I feel that this scientific article is rather short, only 2798 words including a list of references. • Perhaps it would be better if the introduction section explains the line of thought of this article. 	

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

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