

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_104540</b>
Title of the Manuscript:	<b>Mapping rice area in the Cauvery Delta Zone of Tamil Nadu using Sentinel 1A Synthetic Aperture Radar (SAR) data</b>
Type of the Article	<b>Short Research Article</b>

### 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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. <b>This manuscript of area mapping through SAR is useful for farming community and policy makers.</b></p> <p>2. <b>Review of literature should be combined in introduction section. Brief introduction with latest appropriate review should be included in the section of INTRODUCTION.</b></p> <p>3. <b>Discussion part is missing, authors should add few lines of discussion in the support of results written.</b></p> <p>4. <b>yes</b></p> <p>5. <b>ok</b></p> <p>You can consider the following references for upgrade your study.</p> <p>Kannan P, Sankar M, Prabhavathi M. Remote sensing and GIS for land use mapping and crop planning in Cauvery delta region of Tamil Nadu, India. Indian Journal of Soil Conservation. 2010;38(3):199-204.</p> <p>Kannan S, Kaliaperumal R, Pazhanivelan S, Kumaraperumal R, Sivakumar K. Rice Area Estimation using Sentinel 1A SAR Data in Cauvery Delta Region. Int. J. Curr. Microbiol. App. Sci. 2021;10(2):848-53.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English quality of the article is not suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>	<p>Follow the author's guideline.</p>	

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**PART 2:**

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

**Reviewer Details:**

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