

Review Form 1.7

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_95043
Title of the Manuscript:	Scientific Evaluation of Integrated Watershed Development Programme Projects in Kurnool District of Andhra Pradesh
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.journalajssp.com/index.php/AJSSPN/editorial-policy>)

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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"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? 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>	<ul style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) – Yes, actuality, novelty and importance of the research is clear. It consists in technical approach of RS and GIS assessment and evaluating the Land cover/Land use changes over the Andhra Pradesh region, India using high resolution Resourcesat-2, Linear Imaging self-Scanning System (LISS)-IV data of 2011 and 2016. The paper assessed changes in land use/land cover and biomass over a period of five years (2011-16). It is important as a contribution to the environmental research. Is the title of the article suitable? (If not please suggest an alternative title) I would suggest the following Title: “<i>Integrated Watershed Development Programme Projects in Kurnool District of Andhra Pradesh</i>”. Is the abstract of the article comprehensive? Yes, the Abstract is well written and clearly describes the undertaken study. Are subsections and structure of the manuscript appropriate? – Yes, the article is well organized with structured sections. The structure of the manuscript conforms to the journal standards and discipline norm. It has the following standard sections: Introduction, Methodology, Results, Discussion, Conclusion, References. Do you think the manuscript is scientifically correct? – Yes, the presented study is the original primary research within scope of the journal <i>Asian Journal of Soil Science and Plant Nutrition</i>. The manuscript meets general criteria of the significance in implementation of the watershed developmental activities and evaluation of changes in the cultivated land. The study has been conducted using technical tools in GIS and RS. It is relevant to the journal topic as corresponding to the major domain and research disciplines: GIS, RS, Vegetation studies, Environmental Monitoring. The authors clearly presented results. For instance, they presented vegetation maps and indicated how much fallow land converted to dense and open vegetation categories during the project period due to the adoption of soil and water conservation practices. The authors also assessed the additional area which increased under water bodies and 1waste land converted to cultivable land due to construction of farm ponds, percolation tanks and check dams. They computed how much of area is attributed to cropland and plantations in the year 2016. It can be published after corrections. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. – Yes, the references are sufficient and recent. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>No, English language requires corrections, done in the file Ms_AJSSPN_95043_CORR_19122022.docx</p>	
<p>Optional/General comments</p>	<p>The study focused on investigation of the utility of the RS and GIS tools for evaluation of 13 Integrated Watershed Development Programme watershed projects implemented during 2009-2016 in Kurnool District of Andhra Pradesh, India. The results are presented and described clearly. They include graphs and calculations, tables and descriptions, and comments reporting the undertaken research. However, minor corrections in English language should be done prior to publication, according to the changes in the attached file: Ms_AJSSPN_95043_CORR_19122022.docx</p>	

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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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