

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_130527
Title of the Manuscript:	DROUGHT ASSESSMENT USING REMOTE SENSING AND GOOGLE EARTH ENGINE IN KALABURGI DISTRICT,NORTH-EASTERN DRY ZONE OF KARNATAKA
Type of the Article	

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

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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.	This study highlights the significance of remote sensing and Google Earth Engine (GEE) in assessing drought conditions across the North-Eastern Dry Zone of Karnataka, India. By utilizing multi-temporal satellite data and geospatial analysis, it provides a cost-effective and efficient approach for drought monitoring and management. The findings can aid policymakers in implementing targeted drought mitigation strategies. Furthermore, it demonstrates the potential of cloud-based platforms like GEE in large-scale environmental studies.	Thank you for recognizing the relevance of this work.
Is the title of the article suitable? (If not please suggest an alternative title)	Corrections are suggested in the manuscript.	Thank you for pointing out this discrepancy. We agree that the title should be more specific to reflect the study area accurately. The study focuses exclusively on Kalaburgi district, in the North-Eastern Dry Zone of Karnataka covering five taluks (Kalaburgi, Jawargi, Sedam, Chitapur, and Afzalpur). To address this, we have revised the title to: "Drought Assessment in Kalaburgi District, North-Eastern Dry Zone of Karnataka, India, Using Remote Sensing and Google Earth Engine." This revised title ensures clarity and avoids confusion about the scope of the study. The updated title has been highlighted in the revised manuscript.
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.	Corrections are suggested in the manuscript.	The abstract has been revised to incorporate details on the prevailing climatic conditions and specific methodologies used. These changes are highlighted in the revised manuscript for clarity.
Is the manuscript scientifically, correct? Please write here.	Yes. It is correct.	Thank you for appreciating the scientific approach of this study. No further modifications were required regarding the methodology or approach, as the study adheres to established scientific principles and frameworks. Your positive feedback is greatly valued.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes. Some latest references can be added.	Additional recent references have been included to enhance the manuscript's scientific foundation. These are highlighted in the updated reference list.
Is the language/English quality of the article suitable for scholarly communications?	Yes.	Thank you for the positive feedback on the language quality. Minor revisions were made to ensure maximum clarity and readability.
<u>Optional/General</u> 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>	Acknowledged. No ethical issues have been identified or raised concerning this manuscript.