|  |  |
| --- | --- |
| Journal Name: | **Advances in Research** |
| Manuscript Number: | **Ms\_AIR\_140197** |
| Title of the Manuscript: | **Assessing Land Cover Shifts and Fire Impact in Uttarakhand (2018-2024): A Cloud-Based Geospatial Solution Using GEE and Dynamic World Data** |
| Type of the Article | **Original Research Article** |

PART 1: Comments

|  |  |  |
| --- | --- | --- |
|  | **Reviewer’s comment****Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **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.** | A new cloud-based geospatial tool for assessing the consequences of fire and land cover changes in Uttarakhand, India, makes this work significant to the scientific community. The study provides a comprehensive framework for near-real-time environmental monitoring using state-of-the-art tools such as Dynamic World data and Google Earth Engine. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes, it is well phrased** |  |
| **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.** | The abstract provides a comprehensive information such as methodology adopted and framework adopted for analysis of data |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is well-structured and uses clear, precise language to convey complex scientific concepts. Yes, the manuscript has covered all the major components covered. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references good, but can add few more (4 to 5 no) |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The use of technical terms and methodologies is appropriate for the target audience, and the overall readability is high. The abstract, introduction, methodology, results, and discussion sections are all well-articulated, providing a comprehensive understanding of the study's objectives, processes, and findings. |  |
| **Optional/General** comments | **Nice work good data** |  |

|  |
| --- |
| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Carlton R, Bishop Heber College, India**