

[Review Form 2](#)

Book Name:	<b>BASIC CONCEPTS OF REMOTE SENSING &amp; GIS</b>
Manuscript Number:	<b>Ms_BPR_3744</b>
Title of the Manuscript:	<b>BASIC CONCEPTS OF REMOTE SENSING &amp; GIS</b>
Type of the Article	<b>Complete Book</b>

**PART 1: Review Comments**

<b>Compulsory</b> REVISION 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>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	The review offers a solid foundation in GIS and remote sensing. It cites reliable sources, adheres to academic standards, and provides a comprehensive overview that bridges theory and practice. While the content is good, incorporating recent advancements in AI and cloud-based GIS could further enhance its value. The cited URL on page 7 of the document refers to ISRO's satellite information, but the specific link mentioned is outdated or incomplete.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The current title is too general and lacks appeal. More specific titles like "Foundations and Applications of Remote Sensing and GIS in Modern Science" or "Comprehensive Guide to Remote Sensing and GIS: Principles and Practices" better highlight the manuscript's value and potential impact. These titles emphasize the manuscript's practical relevance and its contribution to scientific and educational understanding.	
<b>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.</b>	The manuscript's primary contributions and applications are not adequately highlighted in the existing abstract, which is also vague. To improve upon it, the abstract should: Highlight noteworthy contributions: Identify the particular technologies or techniques that are covered in the manuscript. Stress the applications: Talk about the importance of remote sensing in solving practical problems. Boost the flow and structure: List the main points of the manuscript. Emphasize originality or reach: If appropriate, provide special insights or a thorough synopsis. The proposed updated abstract takes care of these issues and offers a more thorough and understandable synopsis of the manuscript's contents.	
<b>Are subsections and structure of the manuscript appropriate?</b>	The structure of the manuscript is generally coherent and well-structured. It successfully strikes a balance between fundamental ideas and real-world applications. Some parts, nevertheless, might profit from greater attention to detail and incorporation of current developments. While comprehensive, consider including a table summarizing sensor types, resolutions, and key applications to improve readability.  For terminology that new readers might not be familiar with, such as "spectral reflectance" or "geostationary orbit," think about including a dictionary at the end. Discuss emerging sensor technologies like CubeSats for cost-effective and frequent data acquisition. The entire framework would be strengthened much further with a specific concluding section. Structural Enhancements The introduction should be broadened to emphasize the importance of remote sensing and GIS in addressing global challenges. To enhance engagement, the manuscript should include more interactive graphics (e.g., airborne vs. satellite) and comparison tables (e.g., RADAR vs. LiDAR) to illustrate complex concepts and data efficiently.	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4</b>	The manuscript is technically correct and has a solid scientific foundation. It uses reliable sources like ISRO data and adheres to existing literature while covering both fundamental and complex ideas. Its legitimacy and value as a trustworthy resource are further increased by the inclusion of real-world applications and citations to reputable texts.	

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sentences may be required for this part.		
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>:-</p>	<p>The manuscript's sources give a solid foundation, particularly the works of Campbell, Joseph, and other well-known remote sensing and GIS experts. Furthermore, the use of ISRO data on Indian satellite missions adds validity and importance. However, certain references, such as Cracknell (2019), are not very recent but might benefit from additional citations covering current improvements in the field. So that can add more recent references.</p>	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p><b>Minor REVISION comments</b>          Although the wording is mostly understandable, it may be edited to make it more consistent and fluid. Think about getting input from a native English speaker or utilizing expert proofreading software.</p>	
<p><u>Optional/General</u> comments</p>	<p><b>In General;</b></p> <ol style="list-style-type: none"> <li>1. Expand the abstract to include specific details.</li> <li>2. Ensure consistent use of technical terms.</li> <li>3. Clearly label and reference figures and diagrams, as in (1-3) and all tables. The paragraphs must refer to Figures 1 and 2.</li> <li>4. Update references to include recent advancements.</li> <li>5. Verify and update old URLs.</li> <li>6. Standardize subsection headings and ensure logical flow.</li> <li>7. Include a glossary for unfamiliar terms.</li> <li>8. Enhance the applications section with case studies.</li> <li>9. Add a conclusion summarizing key takeaways and future directions.</li> <li>10. Verify the page numbers and include a thorough index of the entire book.</li> </ol>	

**PART 2:**

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

**Reviewer Details:**

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