

[Review Form 3](#)

Book Name:	<u>Integrated Approaches to Natural Resource and Environmental Sustainability</u>
Manuscript Number:	Ms_BPR_3947
Title of the Manuscript:	Integrated Approaches to Natural Resource and Environmental Sustainability
Type of the Article	Complete Book

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 manuscript is highly significant for the scientific community as it emphasizes the critical need for interdisciplinary collaboration to address complex sustainability challenges. By bridging environmental science, social sciences, economics, and technology, the manuscript highlights innovative approaches to creating holistic solutions that are both effective and equitable. It also underscores the importance of global research hubs and public-private partnerships in scaling sustainable practices and advancing cutting-edge technologies. Overall, this work provides valuable insights and frameworks that can guide future research, policy-making, and industry efforts toward achieving a sustainable, inclusive future.	
Is the title of the article suitable? (If not please suggest an alternative title)	Based on the content you've provided, a suitable title could reflect the themes of interdisciplinary collaboration, innovation, and sustainability. For example: "Innovating for Sustainability: Bridging Disciplines and Advancing Global Collaborations" "Interdisciplinary Approaches to Sustainability: Opportunities for Global Collaboration and Innovation" "Towards a Sustainable Future: Collaborative Strategies for Innovation in Environmental Science and Technology"	
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 of the article appears comprehensive as it covers the key topics related to sustainability, interdisciplinary collaboration, and innovation. However, to enhance its clarity and depth, I suggest the following adjustments: Clarify the Focus: The abstract could benefit from a clearer introduction to the primary focus of the article. While it mentions various strategies like interdisciplinary collaboration and public-private partnerships, it would be useful to briefly state the central thesis or problem the article is addressing, such as "the need for integrated approaches to sustainability" or "the role of innovation in overcoming sustainability challenges." Condense Repetitive Points: In some instances, the ideas about global research hubs and interdisciplinary collaboration are mentioned multiple times. Condensing these points could make the abstract more concise without losing essential information. For instance, the mention of global research hubs and interdisciplinary collaboration could be combined into a single paragraph, highlighting their interconnectedness. Add Impact: To further emphasize the significance of the work, consider adding a sentence about the expected impact of the proposed strategies. For example, you could mention how these strategies can contribute to achieving specific sustainability goals or how they might influence future policies. Refine Language for Coherence: Some sentences could be restructured to improve readability and flow. For example, instead of "Together, these opportunities offer powerful tools for creating a more sustainable future," consider phrasing it as "By leveraging these opportunities, we can create a more sustainable future." Focus on Specific Examples: While the abstract touches on key areas, including one or two concrete examples of the kinds of innovations or collaborations discussed (e.g., renewable energy or community-based natural resource management) could help illustrate the concepts more clearly. Here's an example of how the abstract might be revised:	

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	<p>"To address the multifaceted challenges of sustainability, interdisciplinary collaboration across environmental science, social sciences, economics, and technology is essential. This article explores the opportunities for innovation and cooperation in developing sustainable solutions that balance ecological preservation, economic growth, and social equity. By fostering global research hubs, promoting public-private partnerships, and integrating diverse scientific disciplines, we can accelerate the development of cutting-edge technologies and policies. These collaborative efforts will pave the way for a sustainable future, ensuring that solutions meet both local and global needs while addressing issues such as climate change, resource depletion, and social inequality."</p> <p>These revisions aim to improve focus, conciseness, and impact, while maintaining the core messages of the abstract.</p>	
<p>Is the manuscript scientifically correct? Please write here.</p>	<p>Here's a more detailed breakdown of potential considerations:</p> <p>Interdisciplinary Collaboration: The idea that solving sustainability challenges requires interdisciplinary collaboration is well-supported by scientific literature. Sustainability issues are multifaceted, involving ecological, social, and economic dimensions, and successful solutions often require input from multiple disciplines.</p> <p>Public-Private Partnerships: The importance of public-private partnerships in fostering innovation and implementing sustainable solutions is also well-supported in research. These partnerships enable resource sharing, risk mitigation, and the development of innovative technologies or systems that are scalable and impactful.</p> <p>Global Research Hubs: The notion of global research hubs working collaboratively to address global sustainability challenges aligns with the current trends in global scientific cooperation, where large-scale, cross-border projects are increasingly common.</p>	
	<p>Technological Innovation: The emphasis on innovation in sustainability is scientifically sound. The role of emerging technologies, such as renewable energy systems, sustainable agriculture practices, and waste management innovations, is crucial to achieving long-term sustainability goals.</p> <p>Social Equity and Ecological Preservation: The balance between ecological preservation and social equity is a central theme in sustainability research. The concept of "sustainable development" is widely recognized and focuses on meeting the needs of the present without compromising the ability of future generations to meet their own needs.</p> <p>Recommendations: Methodology: Ensure that any proposed methodologies, experiments, or frameworks in the full manuscript are robust and grounded in recognized scientific approaches. This could include clear definitions of variables, a rationale for chosen methods, and how data will be interpreted.</p> <p>Citations: If the manuscript is discussing specific studies or theories, it would be important to properly cite relevant scientific literature, ensuring that any claims made are supported by existing research.</p> <p>Technical Details: If the manuscript includes any technical concepts or models (e.g., energy systems, environmental models), they should be clearly explained and based on current scientific understanding.</p> <p>In conclusion, based on the abstract, the manuscript's scientific correctness appears to be on solid ground. However, a full review of the complete manuscript is needed to confirm that the methodologies, data, and conclusions align with current scientific practices and standards</p>	
<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>For a comprehensive and up-to-date review, here are a few considerations:</p> <p>Recommendations for Reference Sufficiency: Recent Literature: Ensure that the majority of your references are from the past 5 years (2020- 2024) to capture the most current trends and developments in sustainability, interdisciplinary approaches, and technological innovations. This is particularly important in fast-evolving fields like renewable energy, sustainable agriculture, and social equity in sustainability practices.</p> <p>Core Journals and Authors: Reference papers from reputable journals such as Nature Sustainability,</p>	

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	<p>Environmental Science & Technology, Renewable and Sustainable Energy Reviews, Sustainability, Journal of Cleaner Production, and others. These journals regularly publish cutting-edge research on sustainability topics.</p> <p>Key Areas of Reference:</p> <p>Sustainability Frameworks: Refer to recent works on sustainable development frameworks, such as the United Nations Sustainable Development Goals (SDGs), and how they inform interdisciplinary collaboration.</p> <p>Technological Innovations: Include recent technological breakthroughs related to energy, waste management, sustainable agriculture, etc.</p> <p>Public-Private Partnerships: Cite recent case studies or reviews of successful public-private partnerships that have led to sustainable innovations or solutions.</p> <p>Global Research Hubs: References discussing global cooperation in sustainability research or the role of collaborative research hubs.</p> <p>Suggestions for Additional References:</p> <p>Sustainable Development Goals: "The United Nations Sustainable Development Goals Report 2023" for global policy context.</p> <p>Technological Innovation in Sustainability: Recent papers on renewable energy technologies, such as wind, solar, and energy storage innovations (e.g., <i>Energy & Environmental Science</i>).</p>	
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language and overall quality of the article titled Integrated Approaches to Natural Resource and Environmental Sustainability is generally strong, but there are areas that could be improved for clarity, consistency, and grammatical accuracy. Below are some specific points of evaluation:</p> <p>Strengths:</p> <p>Clarity and Structure: The content is well-organized, with clear sections and a logical flow from introduction to specific topics like natural resource management and energy management. The use of headings and subheadings helps guide the reader through the material effectively.</p> <p>Comprehensive Coverage: The article provides a broad range of topics related to sustainability, including natural resource management, energy management, renewable energy integration, and policy frameworks. This holistic approach is aligned with the book's goal of offering integrated solutions.</p> <p>Professional Tone: The tone is academic and professional, which is appropriate for the target audience, including students, researchers, and policymakers. The writing presents complex ideas in a structured manner, making it accessible to a wide range of readers.</p> <p>Practical Relevance: The inclusion of case studies and practical examples (mentioned in the abstract) adds value to the theoretical content, providing readers with actionable insights.</p> <p>Areas for Improvement:</p> <p>Grammatical and Typographical Issues:</p> <p>In the preface, there is a typo: "The autor extend our heartfelt gratitude..." should be "The author extends our heartfelt gratitude."</p> <p>In the abstract: "This book offers a comprehensive framework for understanding and addressing the critical challenges of sustainability through innovative and integrated approaches." could be streamlined for better readability. Consider changing it to: "This book provides a comprehensive framework to understand and address the critical challenges of sustainability through innovative, integrated approaches."</p> <p>The phrase "in a coordinated way" in the section on Integrated Resource Management would sound better as "in a coordinated manner."</p> <p>Sentence Length and Complexity: Some sentences are long and complex, which may hinder readability. For instance:</p> <p>"Natural resource management is an interdisciplinary field that focuses on the sustainable use, conservation, and management of resources and ecosystems to ensure the well-being of both human and ecological systems." This could be broken into two sentences for better clarity, such as: "Natural resource management is an interdisciplinary field. It focuses on the sustainable use, conservation, and management of resources and ecosystems to ensure the well-being of both human and ecological systems."</p> <p>Consistency in Terminology: While the article covers a wide range of topics, maintaining consistent terminology throughout is essential. For example, in the section on "Energy Management," the terms "Energy Efficiency" and "Energy Conservation"</p>	

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	<p>are used. While they are related, distinguishing them more clearly or using consistent phrasing could help avoid confusion.</p> <p>Repetition: Some ideas are repeated across the document. For example, the importance of collaboration across sectors is mentioned in both the preface and in the content. Reducing redundancy will improve the article's conciseness.</p> <p>Referencing Style: There seems to be an inconsistency in the referencing format. For instance, "Harris & Roach, 2017" is cited in one section, but in others, a more comprehensive reference list or in-text citation style is used. Consistent use of one citation style would improve the article's professionalism.</p> <p>Inclusion of Case Studies and Practical Examples: While the abstract mentions case studies, these are not always visible in the chapters provided. Including more concrete examples in the body of the text would strengthen the practical application of the concepts discussed.</p>	
	<p>Recommendations:</p> <p>Proofreading: A thorough proofreading for typographical errors, especially in terms like "autor" and "extend," will enhance the professionalism of the document.</p> <p>Shorten Sentences: Breaking up longer sentences and using simpler structures will improve clarity.</p> <p>Consistent Terminology: Ensure that the terminology is consistent throughout, especially when describing energy and resource management concepts.</p> <p>Add More Examples: If case studies are mentioned in the abstract, make sure they are included and discussed in detail in the chapters.</p> <p>Overall Evaluation:</p> <p>The article is of good quality in terms of content and structure. With some minor grammatical corrections, improvements in sentence structure, and a consistent citation style, it would become more polished and reader- friendly. It successfully conveys the importance of integrated approaches to sustainability and offers valuable insights into natural resource and energy management.</p>	
<p>Optional/General comments</p>		

PART 2:

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

Reviewer Details:

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