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| Book Name: | [Science and Technology: Developments and Applications](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4911** |
| Title of the Manuscript: | **A Review of Energy Security in The Face of Climate Security: Matching the Country Priorities with International Policies** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Energy Technologies and Policy, Vol.14, No.2, 2024.**

**DOI: 10.7176/JETP/14-2-06**

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. 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.** | This scholarly work provides a critical review of the interconnected dynamics between energy security and climate security, addressing both potential conflicts and synergies. Its significance lies in offering a comprehensive analysis of how nations can balance the need for stable, affordable energy supplies while advancing climate goals. By synthesizing existing literature and policy frameworks, the manuscript contributes valuable insights for researchers, policymakers, and energy practitioners seeking sustainable pathways in the Global South. The study highlights emerging challenges, such as the geopolitical implications of the energy transition and technological advancements, making it a timely and relevant addition to the scientific discourse. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title does not provide enough information about the research question. Please revise the title to make it more precise and informative. Consider shortening it while retaining the key elements that convey the study's focus and contribution. Suggested title:  "The Energy-Climate Nexus: A Systematic Review of Conflicts, Synergies, and Directionalities for the Global South" |  |
| 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 is lacks critical details about the geographic, temporal, or scope of the study. Without this information, it is difficult for readers to understand the context, relevance, and generalizability of the research. Explain why the study matters and how it contributes to the field. For example: "This research provides new insights into the challenges or dilemma faced by countries in the Global South, offering recommendations for policymakers and energy practitioners." Please revise the abstract to include these details, ensuring that the scope and context of the study are clearly articulated. |  |
| **Is the manuscript scientifically, correct? Please write here.** | While the study addresses a highly relevant and timely topic, energy security, climate security, and the dilemma faced by countries in the Global South in aligning with international sustainability protocols, it appears to be largely narrative in nature. The analysis is too broad and lacks critical engagement with the complexities of the issue, such as the socio-political, structural, economic, and institutional challenges these countries face.  The study claims to use a systematic review methodology (methodology is weak), but the abstract and methodology section lack clarity on the review process, inclusion/exclusion criteria, and analytical framework. A systematic review should follow a rigorous and transparent process to ensure reproducibility and credibility. The findings appear to be presented in a narrative format without sufficient critical synthesis or thematic analysis. To strengthen the study, the authors should:   1. Clearly outline the systematic review protocol, including databases searched, keywords used, and criteria for selecting studies. 2. Provide a detailed synthesis of the findings, highlighting patterns, contradictions, and gaps in the literature. 3. Critically engage with the reviewed studies, offering insights into how the findings contribute to the discourse on energy security, climate security, and the challenges faced by the Global South in aligning with international sustainability protocols.   Explore questions such as: What are the structural barriers (e.g., lockin mechanism, economic dependency, technological gaps)? How do power dynamics between the Global North and South play a role? What are the trade-offs or competing agendas between economic development and environmental sustainability? Explore the issue of asset stranding, energy justice, climate justice, industrialisation, directionalities and pathways for countries in the Global South etc  Include specific case studies or examples from countries in the Global South hydro or fossil-based economies to illustrate the dilemmas and challenges discussed. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | References below would be helpful.  Bradshaw, M.J., 2010. Global energy dilemmas: a geographical perspective. Geographical Journal, 176(4), pp.275-290.  Sovacool, B.K., Sidortsov, R.V. and Jones, B.R., 2013. Energy security, equality and justice. Routledge.  Roberts, J.T. and Parks, B., 2006. A climate of injustice: Global inequality, north-south politics, and climate policy. MIT press.  Mahoney, K.E., 2024. Competing Agendas-Energy Poverty and Carbon Neutrality Policy Pathways (Doctoral dissertation, Universidade NOVA de Lisboa (Portugal)). |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language could be improved. At times, the writing is unclear, overly informal, or lacks precision, which detracts from the overall coherence of the manuscript. To enhance readability and academic rigor, the authors should:  Avoid informal or conversational language/ structure and ensure a formal, academic language throughout.  Use precise and concise language to convey ideas clearly. Avoid long sentences, break the sentences down. |  |
| Optional/General comments | The manuscript addresses a highly relevant and pivotal topic in the ongoing debate on energy transition, particularly the competing agendas of energy security, climate change, and development between the Global South and Global North. The authors have attempted in highlighting the complexities of this issue, but the paper would benefit from greater analytical rigor and depth to stand out in the scholarly discourse. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** |  |  |

**Reviewer details:**

**Julius Irene, United Kingdom**