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| Book Name: | [**Geography, Earth Science and Environment: Research Highlights**](https://www.bookpi.org/bookstore/product/geography-earth-science-and-environment-research-highlights-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4632** |
| Title of the Manuscript: | **Forecasting Installation Capacity for the Top 10 Countries Utilizing Geothermal Energy by 2030** |
| 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.**

**Thermo, 2(4): 334–351, 2022.**

**Available:** [**https://doi.org/10.3390/thermo2040023**](https://doi.org/10.3390/thermo2040023)

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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.** | **The manuscript is very important and relevant to the topic of the future of geothermal.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Very suitable. Very clear Topic: Forecasting Installation Capacity for the Top 10 Countries**  **Utilizing Geothermal Energy by 2030** |  |
| 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. | **Very comprehensive from the Introduction to the conclusion. I would support maintaining the content.**  **The abstract captured the model was implemented for each dataset in MATLAB, where appropriate, and the model accuracy was evaluated. Ten separate geothermal energy installation capacity datasets were used to validate the improved model, and these datasets further demonstrated the overall improved model’s accuracy.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Very correct. Scientifically, the manuscript is very comprehensive.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are sufficient. Enough number of references** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Very Suitable. |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Jesse Nyokabi, Kenya**