|  |
| --- |
|  |
| 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\_4527** |
| Title of the Manuscript:  | **Discovery of Stishovite in the Prismatine-Bearing Granulite from Waldheim, Germany: A Possible Role of Supercritical Fluids of Ultrahigh-Pressure Origin** |
| Type of the Article | **Book Chapter** |

|  |
| --- |
| 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 minimumof 3-4 sentences may be required for this part.** | **This paper on stishovite is important because it contributes to the understanding of geophysical processes. It also allows to explore its mechanical and structural properties, opening perspectives in materials science for high-pressure applications. In addition, it serves as a scientific reference for researchers working on SiO₂ and deep mantle minerals.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| 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 section is long and it is necessary to omit unimportant material. In addition, it is necessary to decorate this section with experimental results such as Raman spectra and SEM.****1 The abstract did not reflect the results of the research paper well.****- Keywords should be improved.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **- It is necessary to review and improve the text of the present article in terms of writing**. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **It is suggested to refer to the following articles:** [**https://doi.org/10.1029/2023GL108043**](https://doi.org/10.1029/2023GL108043)[**https://doi.org/10.2138/am-2023-9257**](https://doi.org/10.2138/am-2023-9257)[**https://doi.org/10.1029/2023GL107700**](https://doi.org/10.1029/2023GL107700) |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/Generalcomments | **-The introduction section should be revised and unnecessary material should be avoided. It is suggested that this section include material on the advantages, importance and applications of the stishovite phase.****- Mention should be made of the analyses used in the last part of the introduction to the article.****- The importance of the work is not mentioned in the conclusion. Furthermore, it is too long and contains too many details that should be added in the introduction rather than in the conclusion, as well as the references cited.** |  |

|  |
| --- |
| **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:** |
| Name: | **Hind Agourrame** |
| Department, University & Country | **Mohammed V University of Rabat, Morocco** |