|  |  |
| --- | --- |
|  | |
| Book Name: | [**Scientific Research, New Technologies and Applications**](https://www.bookpi.org/bookstore/product/scientific-research-new-technologies-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3703** |
| Title of the Manuscript: | **Analysis and comparison of tropospheric scintillation prediction models at Covenant University** |
| Type of the Article | **Book Chapter** |

|  |  |  |
| --- | --- | --- |
| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.** | **The manuscript is highly contributory to knowledge.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **I am not satisfied with the title.The suggested title is attached.**  Comparative Analysis **of**  **tropospheric scintillation prediction models at Covenant University** |  |
| 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 good,but the author should do the following:**  1.The coordinates should be properly written (Lat: 6.7 oN, Long: 3.23 oE).  2.This sentence …some reputable scintillation ..should be changed to already existing scintillation |  |
| **Are subsections and structure of the manuscript appropriate?** | **Yes** |  |
| **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 minimumof 3-4 sentences may be required for this part.** | **It is scientific because metric evaluation has been presented.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/Generalcomments | **Introduction Section**  Auhtors should be detailed about troposheric scintillation and also mentinon the frequency bands in this statement  ] in modern earth-space communication systems, most importantly at higher frequency bands (both uplink and downlink).  **Method and Data Analysis**  Authors should briefly explain the reason why the rainy and non-rainy days are separated.  **Results**  I strongly recommend that the graphs should be plotted using MATLAB of PYTHON for better visualization. |  |

|  |  |  |
| --- | --- | --- |
| **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: | **Sodunke,Mobolaji Aduramo** |
| Department, University & Country | **Moshood Abiola Polytechnic, Nigeria** |