

## Review Form 1.6

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|--------------------------|---|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a>                                 |
| Manuscript Number:       | Ms_IJECC_89822  |
| Title of the Manuscript: | Performance of Regional Climate Model (WRF 4.3) in Medium Range Rainfall Forecast (MRRF) for Tamil Nadu |
| Type of the Article      |   |

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link: (<https://www.journalijecc.com/index.php/IJECC/editorial-policy> )

### PART 1: Review Comments

|                                     | 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) |
|-------------------------------------|--|---|
| <b>Compulsory</b> REVISION comments | <p>The author is not quoted the two seasons (spring, winter, autumn and summer).<br/>Lack of beginning and end of the season according to the classes of climates.<br/>I think that the percentage of similarity of the article is very high.<br/>The author uses sometimes the version of the model 4.3 and in some paragraphs the version 4.3.1<br/>The author uses different abbreviations for example: WRF and sometimes WREF?<br/>The title of the paper is not consistent with the content.<br/>The term "skill scores" in the whole article is not good for selecting the best model, it is necessary to find another term exp: criteria.<br/>Some indexes did not present any indication example: GDP,<br/>The existence in the paper of symbols without any indication example: GDP, TNAU, Linux, GFS<br/>What does the term regional mesoscale mean?<br/>For what the term physiographic?<br/>Figure 1 and 2 are not included in the content of the paper<br/><b>The introduction</b> is not relevant to the context of the paper<br/>Part input data: inconsistent, many errors and trunks presented for example:<br/>The existence of the "@" index in the data content that presents no meaning.<br/>The author mentioned two terms in his paper: schema and term<br/>Lack of the size of the data used<br/><b>On section 2.3 of the paper:</b><br/>Did the author cite the studies conducted?<br/>The author cited WRF class 3 without any explanation.<br/><b>In section 2.4.1.</b><br/>The author leads to make the forecast of rainfall (r) is not have the flows (Q) as indicated in the parameters of NSE, same remark in section 2.4.3 the (r) instead of (Q) and section 2.4.4<br/><b>References bibliography</b><br/>Some male references made for example: reference 2<br/>Best wishes.</p> |   |
| <b>Minor</b> REVISION comments      |  |   |
| <b>Optional/General</b> comments    |  |   |

### 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) |   |

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**Reviewer Details:**

|                                  |   |
|----------------------------------|---|
| Name:                            | <b>Balah Belkacem</b>   |
| Department, University & Country | <b>Larbi Ben M'Hidi University of Oum El Bouaghi, Algeria</b> |