

Review Form 1.7

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_114481 |
| Title of the Manuscript: | SPATIAL AND TEMPORAL DISTRIBUTION OF SOIL MOISTURE IN MAIZE USING FREQUENCY DOMAIN REFLECTOMETRY SENSOR |
| Type of the Article | Original Research Article |

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) |
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| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>The manuscript is important for the scientific community because it to study the spatial and temporal distribution of soil moisture in maize using FDR sensor. NO, the abstract section is incomplete. it should include the problem, the objective of the study, the methodology and the relevant results Revising the structuring of results and discussion. Improvements are needed to ensure that the manuscript is scientifically correct Some suggested literature is: https://doi.org/10.3389/fpls.2022.881116 https://doi.org/10.1111%2Fpbi.13312 https://doi.org/10.1094/PHI-I-2018-0403-01 https://doi.org/10.14719/pst.2091</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | Minor revision | |
| <p>Optional/General comments</p> | | |

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) |
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| <p>Are there ethical issues in this manuscript?</p> | <p>(If yes, Kindly please write down the ethical issues here in details)</p> | |

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Reviewer Details:

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|---|---|
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| Department, University & Country | University Joseph KI-ZERBO, Burkina Faso |