

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_108312</b>
Title of the Manuscript:	<b>Evaluation of Inexpensive Capacitive Soil Moisture Sensors for IoT Networks</b>
Type of the Article	<b>Original Research Article</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes.</p> <p><b>Major contribution should be highlighted in the abstract.</b></p> <p><b>More relevant research background and reference should be provided.</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Mind English proofread.</p>	
<p><b>Optional/General</b> comments</p>	<p>The work is interesting.</p> <p>1. More research background including NDT and monitoring should be reviewed and discussed e.g. M.Mwelango, T. Zhu, K. Wen, Z. Zhang, X. Yuan, W. Li &amp; X. Yin (2023) Coplanar capacitive sensors and their applications in non-destructive evaluation: a review, Nondestructive Testing and Evaluation, 38:5, 861-905, DOI: 10.1080/10589759.2023.2198233; Guiyun Tian, etc, Inductance-to-digital converters (LDC) based integrative multi-parameter eddy current testing sensors for NDT&amp;E, NDT &amp; E International, Volume 138, 2023, 102888, ISSN 0963-8695, <a href="https://doi.org/10.1016/j.ndteint.2023.102888">https://doi.org/10.1016/j.ndteint.2023.102888</a>.</p> <p>2. In addition to signal condition, more critical discussion and comparison are expected with the help of diagrams.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Gui Yun Tian</b>
Department, University & Country	<b>School of Engineering, Newcastle University, UK</b>