

**Review Form 1.7**

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_112351
Title of the Manuscript:	Role of Hydroponics in Improving Water-Use Efficiency and Food Security
Type of the Article	

## Review Form 1.7

### 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  1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)  2. Is the title of the article suitable? (If not please suggest an alternative title)  3. Is the abstract of the article comprehensive?  4. Are subsections and structure of the manuscript appropriate?   5. Do you think the manuscript is scientifically correct?  6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.  <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>Yes, it is important for the scientific community. It emphasizes the importance of Hydroponics technology in urban farming, water use efficiency, and food security.</p> <p>Yes, it is suitable.</p> <p>No, the role of Hydroponics in improving water-use efficiency was not mentioned in the abstract.</p> <p>No, the structure and sub-sections are not appropriate. Formatting and structuring of the article based on the publishable format may be considered. Headings and subheadings levels may need observation. The presentation of tables and figures may need formatting. Please consider bold and italic formatting of headings and subheadings.</p> <p>Yes, it is scientifically correct.</p> <p>Yes, the references are sufficient</p> <p>1. Introduction is very long. Restructuring of the Introduction is suggested. Specific objectives may be stated in the introduction.</p> <p>2. Methodology may be added to the article. The scope and limitation of the study based on the specific objectives may be stated in the Methodology.</p> <p>3. Water Requirements of Conventional Soil-Based Farming up to Standards and Oversight may be presented in Results and discussion.</p> <p>4. The results may be based on the objectives; please emphasize the role of hydroponics in water use efficiency and food security, not on precision agriculture.</p> <p>5. The discussion may include implications of technology in hydroponics for water use efficiency and food security.</p> <p>6. Conclusions may conclude the objectives and the role of hydroponics in water use efficiency and food security.</p> <p>7. Please consider consistency in format and style, specifically in-text citations. The use of brackets ( ) or [ ].</p> <p>8. Tables and figures may be mentioned in the text or discussions.</p> <p>9. Please check the use of language or words (British English or American English) (neighborhood or neighbourhood, flavor or flavour).</p>	<p>OKAY</p> <p>OKAY</p> <p>OKAY</p> <p>NOTED</p> <p>NOTED</p> <p>OKAY</p> <p>OKAY</p> <p>NOTED</p> <p>NOTED</p> <p>NOTED</p> <p>IMPROVED</p> <p>OKAY</p>
<b>Minor</b> REVISION comments  1. Is language/English quality of the article suitable for scholarly communications?	Yes, however the use of word "Lack" may be more appropriate if use the word insufficient.	

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Optional/General comments	<p>Discussion may focus more on the role of Hydroponics in improving water use efficiency and food security. Precision agriculture is broad.</p> <p>Please consider appropriate formatting and style for a publishable journal article. Use the prescribed format and style for the references.</p> <p>Please consider consistency in your in-text citation format, either number format or author and date format.</p>	OKAY
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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)	