Review Form 1.7

Journal Name:	**International Journal of Environment and Climate Change**
Manuscript Number:	**Ms_IJECC_99866**
Title of the Manuscript:	**Effect of Nano and Non-nano Nutrients on Content, uptake and NUE of Wheat (Triticum aestivum L.)**
Type of the Article	**Original Research 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)*
Compulsory 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.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	1. In the literature, nanoparticles (size less than 100 nm) can be used as fertilizer for effective nutrient management, these nanoparticles can tolerate stress. Nanofertilizers provide key nutrients to crops; in the article the author chose wheat; as needed, in increments, as they contain nutrients and growth promoters encapsulated in nanoscale polymers. Theoretically, these nanoscale polymers provide low and efficient targeted release to deliver nutrients to the crop sustainably during its life cycle, ensuring better nutrient use efficiency. The author through his article and the experiments carried out, proved the effectiveness of the use of nanofertilizers in the absorption of fertilizers, which led to an agronomic and physiological efficiency of wheat cultivation. Nanoparticles are studied throughout the world in hundreds of laboratories and companies to take advantage of their physico-chemical properties, the characteristics of their nanometric scale and thus develop new applications. The research work carried out by the author is of great scientific importance given that current knowledge of the effects of nanoparticles on plants is relatively limited; in this context the author tries to highlight the impact of nanoparticles on wheat cultivation. 2. Yes the title in appropriate and suitable. 3. The abstract is clear and comprehensive. 4. Yes it is. 5. The manuscript is new and correct. 6. References are updated.	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	1. Yes it is.	
Optional/General comments	Add other updated references.	

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:

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