

Review Form 1.7

| | |
|--------------------------|---|
| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_113341 |
| Title of the Manuscript: | A Role of Biosynthesized Zinc Oxide Nanoparticles (ZnO NPs) For Enhancing Seed Quality: A Review |
| Type of the Article | Review 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) |
|--|--|---|
| 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) | <p>1.-A Role of Biosynthesized Zinc Oxide Nanoparticles (ZnO NPs) For Enhancing Seed Quality: A Review. It is research that aims to show us the benefits of zinc oxide nanoparticles synthesized in an ecological way. It is very important to know this information to improve crops and obtain better harvests.</p> <p>2.- The title corresponds to the information that will be disclosed and corresponds exactly to the characteristics of the paper.</p> <p>3.- No, the abstract is not clear and accurate, has poor writing, and has to focus on applying ZnO NPs to enhance seed quality. You have to define the abbreviation NP</p> <p>4.- The structure is correct; however, it has several deficiencies: The introduction can be improved, it is not well written. At the end of the first paragraph a reference needs to be added. Excessive use of "Because". It talks about precursors for the synthesis of NP and does not provide examples or mention solutions. It does not explain why it does not exhibit antibiotic resistance; I suggest that the research in this section be improved. In the properties of zinc oxide nanoparticles, piezoelectric is repeated twice with one is sufficient. Also, in the last paragraph you have information that does not correspond to that section. In section 3, you need to do better research, this information is insufficient for the topic you must develop. In section 4, Shows graphs that correspond to each of the techniques, all according to the literature, this part is insufficient. In section 6, The research is good but you need to give it literary form, that is, not only Laware and Raskar (2014). You need to write in a good way only mentioning the relevant things that you want to show.</p> <p>5.- Yes, but some corrections need to be made</p> <p>6.- I think the references are ok.</p> | |
| Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications? | I think the English is correct | |
| Optional/General comments | | |

[Review Form 1.7](#)

PART 2:

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

Reviewer Details:

| | |
|----------------------------------|---|
| Name: | Luis Fernando García Melo |
| Department, University & Country | University Autonomous Metropolitan, Mexico |