

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_105933
Title of the Manuscript:	INFLUENCE OF ENVIRONMENTALLY SYNTHESIZED SILVER NANOPARTICLES ON SEED QUALITY TRAITS IN GROUNDNUT
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)
<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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. It is well prepared manuscript about INFLUENCE OF ENVIRONMENTALLY SYNTHESIZED SILVER NANOPARTICLES ON SEED QUALITY TRAITS IN GROUNDNUT and will have great influence on this JOURNAL.</p> <p>2. Yes.</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Yes</p> <p>6. Yes</p> <p>7. Author's state that "The zeta potential value of the AgNPs was 24.6 mV (Fig. 2). The particle size distribution values of AgNPs was 28.6 nm (Fig. 3)." Please show the error bar for those data.</p> <p>8. Author's state that "FTIR spectrum of AgNPs shows a peak at 3334.53 cm-1 (Fig. 5)." Please indicate the peak in fig 5 and show what's bonding between them.</p> <p>9. At table 1, the bulk concentrations AgNO3 250 ppm (70.00 %) showed maximum germination percentage. Please give some explanation about this trend.</p> <p>10. An inhibitory effect of bulk AgNO3 on root length, shoot length and seedling length was observed with the increase in concentration (Table 1). Please give some explanation about this statements.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p>Optional/General comments</p>	It is well prepared manuscript and the results are interesting and will have great influence on this JOURNAL.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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