

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_105563
Title of the Manuscript:	CHARACTERIZATION OF FLORESCENT PSEUDOMONADS FOR BIOLOGICAL CONTROL EFFICACY, PLANT GROWTH PROMOTION AND ANTIBIOTIC TOLERANCE
Type of the 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>)

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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><u>Compulsory</u> 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>Yes</p> <p>Yes</p> <p>Abstract is need to be rewritten. Abstract must indicate the purpose/ of the work, briefing the methodology adopted and key/salient findings. Concluding remarks at the end of the abstract is essential.</p> <p>Ok. Not up to the mark</p> <p>Satisfactory</p> <p>Satisfactory</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Satisfactory</p>	
<p><u>Optional/General</u> comments</p>	<p>1. The key findings of the research must be supported with few photographs (P solubilization, Siderophore production and compatibility with antibiotics)</p> <p>2. Authors have reported the compatibility of antibiotics with FLPs, whereas, the title indicates the tolerance??? Need to clarify</p> <p>3. Give the composition of Kings A medium and Kings B medium in material and methods section. How are they different in composition so that they could be used to differentiate P. aeruginosa and P. fluorescens?</p> <p>4. Statistical analysis section is missing in material and methods section. The results tabulated in various tables must indicate the original/transformed values along with the superscripts mentioned.</p> <p>5. The results pertaining to rRNA analysis of isolates is not descried in the results/GenBank accession number of isolates?</p> <p>6. The authors have reported compatibility of streptomycin at 250 ppm and 1000 ppm with FLPs. The results are quite surprising because the antibiotic streptomycin (Streptomycin+Tetramycin) is generally inhibits any Gram negative bacteria at this concentration levels. Recheck it or appropriate justification is required?</p> <p>7. Though the Pseudomonas fluorescence is known to be a potential biocontrol agents against various plant pathogens (fungi/bacteria), the results of this manuscript indicate the zero/NIL inhibition against pathogens viz., M. phaseolina and F. o. cubense??? Need to check it again and appropriate justification is required</p> <p>8. Must indicate the source/culture codes for the pathogens used in the study</p>	

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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:

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