

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_119174
Title of the Manuscript:	The Use of Green Algae in The Treatment of Wastewater Toxicity
Type of the Article	Research article

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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>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) Yes. The manuscript highlights the use of algae for capturing carbon dioxide in wastewater treatment.</p> <p>(2) No. The data and results in the manuscript only related to carbon dioxide consumption, without any information on the heavy metal or other toxic element. Suggested title: 'The Use of Green Algae to Capture Carbon Dioxide in Wastewater'</p> <p>(3) No. The authors should add some quantitative data/results (obtained in this study) in the abstract.</p> <p>(4) Yes.</p> <p>(5) Yes.</p> <p>(6) No. Please add recent related reference: Ooi W.C., Dominic D, Kassim M.A., Baidurah, S. (2023). Biomass Fuel Production through Cultivation of Microalgae <i>Coccomyxa dispar</i> and <i>Scenedesmus parvus</i> in Palm Oil Mill Effluent and Simultaneous Phycoremediation. Agriculture 2023, 13(2), 336; https://doi.org/10.3390/agriculture13020336</p> <p>Please refer to the manuscript contains my annotation and detail comments below.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Suitable. However, minor editing is required.</p>	
<p>Optional/General comments</p>	<p>(1) Please separate the text in Introduction into new several paragraphs.</p> <p>(2) Methodology, Results and Discussion: If possible, please add the treatment time. How many hours or days?</p> <p>(3) Methodology: Please state the scientific name of the algae utilized in this experiment.</p> <p>(4) Methodology: State the source of wastewater utilized in this study.</p> <p>(5) Methodology: Add an explanation of the procedure/methodology for measuring carbon dioxide.</p> <p>(6) Table 1 and 2 require editing for the table caption.</p> <p>(7) Results and discussion: The authors should add few sentences to discuss their own data and findings.</p> <p>(8) References writing style is not standardized.</p> <p>(9) The manuscript seems to lack of recent reference. A suggestion is to add one recent reference: Ooi W.C., Dominic D, Kassim M.A., Baidurah, S. (2023). Biomass Fuel Production through Cultivation of Microalgae <i>Coccomyxa dispar</i> and <i>Scenedesmus parvus</i> in Palm Oil Mill Effluent and Simultaneous Phycoremediation. Agriculture 2023, 13(2), 336; https://doi.org/10.3390/agriculture13020336</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>	

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