

Review Form 1.7

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_117088
Title of the Manuscript:	CARBON EMISSION PATHWAYS OF BIODEGRADABLE THERMOPLASTIC SPECIES MINERALIZED IN NATURAL AND SIMULATED AQUEOUS CONDITIONS IMPLICATIONS FOR ENVIRONMENTAL BIOSAFETY
Type of the Article	

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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes. In this research work undertaken, biodegradation of Cellulose, Bioplastics & Polyethylene in two aqueous environments, i.e. surface and marine water was studied. The amount of CO₂ evolved by using three different materials namely, Cellulose, Bioplastic and Polyethylene was determined using titration method. Further the biodegradation of test films was monitored using SEM. The study revealed that bioplastics can biodegrade without releasing toxic residues ensuring environmental safety. Abstract of the Manuscript requires minor revision focussing on the work carried out.</p> <p>No. There are no section and subsection numbers</p> <p>Yes Additional references related to the work carried out can be included. Recently published papers can be cited in the current work.</p> <p>In Figures 3 & 4, the titles along axis-X & Y is missing. Alignment of the text is missing in some sections of the manuscript. Minor grammatical mistakes were observed in the manuscript and needs revision.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>1. The clarity of SEM images can be slightly improved for better legibility. 2. The title of the article is lengthy.</p>	

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

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