

## Review Form 1.7

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_109222
Title of the Manuscript:	Harmonizing Biological and Chemical Strategies for Hazardous Chemical Detoxification: An Integrative Review
Type of the Article	Minireview 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)
<b>Compulsory</b> 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.  <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<b>Yes</b> <b>This manuscript focuses on</b> biological methods, relying on the enzymatic activity of microorganisms or plants, display eco-friendly characteristics and are highly effective for organic pollutants. Chemical methods, employing diverse reactive agents, demonstrate versatility in treating a wide range of contaminants. Critical considerations should be given to the cost-effectiveness, sustainability, and environmental impact of these methods in the context of real-world applications. Collaborative efforts between researchers and environmental practitioners are crucial for advancing the field of chemical detoxification and addressing complex pollution challenges.  <b>Yes</b>  <b>Yes</b>  <b>Yes</b>  <b>Yes</b>  <b>Few more references may kindly be added</b>	
<b>Minor</b> REVISION comments  1. Is language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments	This review is relevant to environmental community	

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

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