

**Review Form 3**

Journal Name:	<b>Asian Journal of Environment &amp; Ecology</b>
Manuscript Number:	<b>Ms_AJEE_121445</b>
Title of the Manuscript:	<b>Advanced Techniques in Wastewater Treatment: A Comprehensive Review</b>
Type of the Article	

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is of significant importance to the scientific community as it provides a comprehensive overview of cutting-edge wastewater treatment technologies that address the limitations of traditional methods. By highlighting advanced techniques such as membrane filtration, advanced oxidation processes, and constructed wetlands, the review offers valuable insights into emerging solutions for complex contamination challenges and resource recovery. The manuscript's focus on these advanced methods reflects a critical step towards improving wastewater treatment processes and addresses a pressing global issue—water scarcity—making it a highly relevant and impactful contribution to environmental science and engineering.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, but it can be more focused like “Advanced Techniques in Wastewater Treatment for Enhanced Efficiency and Sustainability”	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Mention specific examples or innovations within the advanced techniques discussed, such as new developments in membrane technology or recent advancements in carbon nanotubes. This can provide a clearer idea of the cutting-edge nature of the review. Briefly include a statement about the overall findings or implications of the review, such as how these advanced techniques collectively contribute to overcoming challenges in wastewater management.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript is scientifically robust and technically sound, as it provides a thorough and well-researched review of advanced wastewater treatment techniques. The inclusion of multiple cutting-edge technologies—such as membrane filtration, advanced oxidation processes, and membrane bioreactors—demonstrates a deep understanding of current advancements and their practical applications. The manuscript draws on a wide range of recent studies and innovations, ensuring that the information presented is up-to-date and relevant. Additionally, the review's emphasis on both the effectiveness and environmental benefits of these technologies, alongside potential challenges, reflects a balanced and comprehensive analysis, which strengthens its scientific credibility and relevance in the field of environmental engineering.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
<u>Minor</u> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Oleksandra Byelyanska</b>
Department, University & Country	<b>Dniprovskiy State Technical University, Ukraine</b>