

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_122776
Title of the Manuscript:	Investigation of Mg-doped SnO₂ Nanoparticles as an Efficient Photocatalyst for the Degradation of Crystal Violet Dye
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	Overall, the work is good, the manuscript on "The study on the photocatalytic performance of magnesium (Mg) doped SnO ₂ nanoparticles (NPs) for the degradation of Crystal Violet (CV) dye under sunlight irradiation is an novel work. Mg doped SnO ₂ NPs with varying concentrations of Mg were synthesized through coprecipitation method is done in a systematic manner. The textile industries are facing a lot of issue on the same problem statement. This may be useful to the industries if repeatability tests are performed.	
Is the title of the article suitable? (If not please suggest an alternative title)	YES	
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.	YES	
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.	It is scientifically robust and technically sound	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Should be added as given in reviewer comments section	
Minor REVISION comments	good	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	<ol style="list-style-type: none">Supporting literature and reference is required in the introduction part on the photocatalyst materials and synthesis method. The following can be cited on the in the introduction. https://doi.org/10.1016/j.jics.2024.101247, https://doi.org/10.1016/j.matpr.2023.05.725, More references should be cited in XRD and other characterizations.Reference should be given for the equations used in the manuscript wherever required.Explain why the size of the nano particle is varying.Mention the of the work, it's not clear in the conclusion.	

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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