Review Form 3

Journal Name:	**International Journal of Environment and Climate Change**
Manuscript Number:	**Ms_IJECC_128877**
Title of the Manuscript:	**Influence of Soil Texture on the Mineralization of Sulphur Nanoparticles under Incubation**
Type of the Article	**Research article**

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
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PART 1: Comments

	Reviewer's comment	**Author's Feedback** *(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. A minimum of 3-4 sentences may be required for this part.	This manuscript contributes to sustainable agriculture by highlighting the role of sulphur nanoparticles (SNPs) in improving sulphur availability in soils. By comparing the efficacy of SNPs with elemental sulphur, it provides valuable insights into optimizing nutrient delivery and efficiency, addressing critical challenges in soil fertility. The findings have practical implications for increasing crop yield and environmental sustainability, offering innovative strategies to enhance soil management practices using nanotechnology	
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.	The abstract is comprehensive, but it could be enhanced by summarizing the key results, such as comparative figures for sulphur availability between SNPs and elemental sulphur across soil types. Additionally, highlighting the broader impact on soil fertility management and agricultural productivity would strengthen its relevance.	
Is the manuscript scientifically, correct? Please write here.	The study employs appropriate methodologies, such as incubation experiments and precise measurements, to analyze the mineralization behavior of sulphur nanoparticles (SNPs) across various soil textures. The results are logically presented, and the discussion aligns with established scientific principles, supporting the conclusions drawn.	
Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form.	The manuscript's references seem adequate and cover foundational studies relevant to sulphur mineralization, nanoparticles, and soil texture. However, many of the cited works appear to be older, and there are few more recent studies on sulphur nanoparticles and their applications in agriculture.	
Is the language/English quality of the article suitable for scholarly communications?	The language used is suitable for scholarly communications.	
Optional/General comments		

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)*	

Reviewer Details:

Name:	**Swathi Suddala**
Department, University & Country	**University of Wisconsin, United States of America**