

ReviewForm 1.7

JournalName:	InternationalJournalof EnvironmentandClimateChange
ManuscriptNumber:	Ms_IJECC_110019
TitleoftheManuscript:	Zincdynamics,soilpropertiesandZnuptakebyriceas influencedbylongtermapplicationofinorganicfertilizersandorganicmanures–Areview
TypeoftheArticle	ReviewArticle

PART1:ReviewComments

	Reviewer'scomment	Author'scomment <i>(ifagreedwithreviewer,correct themanuscriptandhighlightthatpartinthe manuscript.Itis mandatorythatauthorsshouldwrite his/herfeedbackhere)</i>
<p>Compulsory REVISIONcomments</p> <p>1. Isthemanuscript important forscientific community? (Please writefewsentenceson thismanuscript)</p> <p>2. Isthetitleofthearticlesuitable? (Ifnotpleasesuggest analternativetitle)</p> <p>3. Isthe abstract ofthearticlecomprehensive?</p> <p>4. Aresubsectionsandstructureof themanuscript appropriate?</p> <p>5. Do you thinkthemanuscriptisscientifically correct?</p> <p>6. Arethereferences sufficientandrecent?If you have suggestionofadditionalreferences,please mentioninthe review form.</p> <p><u>(Apart fromabove mentioned6 points, reviewersare freetoprovide additional suggestions/comments)</u></p>	<p>1. Thismanuscript ispivotal forthescientificcommunity,addressinga critical knowledgegap andprovidingvaluableinsights.Overall, thismanuscriptis poisedtomake ameaningful impact, contributingto continuedprogress and innovationinthefield.</p> <p>2. Okay</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Yes</p> <p>6. Yes</p>	
<p>MinorREVISIONcomments</p> <p>1. Islanguage/Englishquality of the articlesuitableforscholarly communications?</p>	<p>The linguisticqualityofthearticle,whilegenerallysatisfactoryforscholarlycommunication, fallswithinthemid-rangespectrum.Thereisroomforimprovement intermsprecision, coherence, anddepthofanalysis.Addressingtheseaspectscouldelevatethemanuscript's overallquality,ensuringitmeetstherigorous standardsexpected inscholarly communications.Consider refiningthelanguage forgreaterclarity,tighteningthestructure forenhancedcoherence,anddelvingdeeperintothesubjectmatterto strengthen the academicmeritofthework.</p>	

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<p>Optional/Generalcomments</p>	<p>This research paper provides a comprehensive review of the dynamics of zinc in soil, its impact on rice crops, and the influence of long-term application of inorganic fertilizers and organic manures. The systematic exploration of various aspects of soil properties, zinc fractions, and nutrient content, as well as their effects on rice uptake, demonstrates a thorough understanding of the subject. Here are some positive comments on the paper:</p> <p>The paper delves deeply into the intricate dynamics of zinc in soil, considering various factors such as soil properties, long-term fertilizer applications, and the influence of organic manures. This comprehensive approach ensures a thorough understanding of the subject matter. Given the importance of rice as a staple food in many countries, the research's focus on zinc deficiency and its impact on soil and crop health addresses a significant agricultural challenge. The paper's insights are likely to contribute positively to addressing these issues on a global scale. The paper's organization is commendable, with clear subdivisions addressing specific</p>	
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	<p>aspects such as soil pH, electrical conductivity, organic carbon, and the availability of essential nutrients like nitrogen, phosphorus, and potassium. This structure enhances readability and facilitates a focused understanding of each parameter. The inclusion of relevant studies and experiments adds credibility to the paper's findings. The extensive literature review, spanning multiple years and geographic locations, strengthens the research's foundation and contributes to its overall robustness. The paper not only provides theoretical insights but also offers practical implications for agricultural practices. The discussion on long-term fertilization effects on zinc fractions and their distribution provides valuable information for farmers and researchers working towards sustainable and optimized crop production. The research seamlessly integrates insights from soil science, agronomy, and environmental science. This interdisciplinary approach enriches the paper, making it relevant to a broader audience and highlighting the interconnectedness of various factors in agricultural ecosystems. The paper skillfully interprets data from long-term experiments, drawing meaningful conclusions about the impact of different fertilization practices on soil properties and zinc distribution. This contributes to the scientific community's understanding of sustainable agricultural practices. The paper not only presents existing knowledge but also identifies areas where further research is needed. This forward-looking approach encourages ongoing exploration and contributes to the continuous advancement of knowledge in the field. In conclusion, this research paper stands out for its thorough investigation, clear organization, practical relevance, and interdisciplinary approach. It provides valuable insights into the complex relationship between zinc, soil properties, and rice crops, making it a valuable contribution to the field of agricultural research.</p>	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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