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

PART1:ReviewComments

	Reviewer’scomment	Author’scomment(ifagreedwithreviewer,correct themanuscriptandhighlightthatpartinthe manuscript.Itis mandatorythatauthorsshouldwrite his/herfeedbackhere)
<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 isipivotal 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>To the best of my research experiences and knowledge, I have corrected my manuscript accordingly as suggested by the reviewer, and added alternative title that can justify my review. Thanks to the reviewer for your kind review of my manuscript (review article)</p>
<p>MinorREVISIONcomments</p> <p>1. Islanguage/Englishquality of the articlesuitableforscholarly communications?</p>	<p>The linguisticqualityofthearticle,whilegenerallysatisfactoryforscholarlycommunication, fallswithinthemid-rangespectrum.Thereisroomforimprovement intermsofprecision, coherence, anddepthofanalysis.Addressingtheseaspectscouldelevatethemanuscript's overallquality,ensuringitmeetstherigorous standardsexpected inscholarly communications.Consider refiningthelanguage forgreaterclarity,tighteningthestructure forenhancedcoherence,anddelvingdeeperintothesubjectmatterto strengthen the academicmeritofthework.</p>	

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Optional/General comments

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:

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

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	<p>aspectssuchassoil pH,electricalconductivity,organiccarbon,andtheavailability ofessentialnutrientslike nitrogen,phosphorus,and potassium.Thisstructure enhances readability and facilitates a focused understanding of each parameter. Theinclusion of relevant studies and experiments adds credibilitytothe paper's findings.Theextensiveliteraturereview, spanning multipleyears and geographic locations,strengthens theresearch'sfoundationandcontributeitoitsoverall robustness. The papernot only provides theoretical insights but also offers practical implicationsfor agriculturalpractices.Thediscussiononlong-termfertilization effects onzincfractionsandtheir distributionprovidesvaluableinformationfor farmers andresearchersworkingtowardssustainableandoptimizedcrop production.Theresearchseamlesslyintegratesinsightsfrom soil science, agronomy,andenvironmentalscience.Thisinterdisciplinary approachenrichesthe paper, makingitrelevanttoa broaderaudience andhighlightingthe interconnectedness of various factors in agricultural ecosystems. The paper skillfullyinterpretsdatafromlong-term experiments, drawingmeaningful conclusionsabouttheimpactofdifferenfertilizationpracticesonsoilproperties andzincdistribution.Thiscontributesothescientificcommunity'sunderstanding ofsustainableagriculturalpractices.Thepaper notonlypresentsexisting knowledge but also identifies areas where further research is needed. This forward-lookingapproach encourages ongoing exploration and contributes to the continuousadvancementofknowledgeinthe field. Inconclusion,thisresearch paperstands outforitsthoroughinvestigation,clear organization, practicalrelevance, andinterdisciplinary approach.It provides valuable insightsintothecomplexrelationshipbetween zinc,soilproperties, and ricecrops,makingitavaluablecontributionto the fieldofagricultural research.</p>	
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PART 2:

	Reviewer's comment	Author's comment <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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	As we all know zinc is the most deficient micronutrient in world as well as in India. So,research will required in every aspect related to soils with different cropping systems in different regions for correctifying the deficiency in soils and enhancing agricultural production system