

Review Form 3

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_125090
Title of the Manuscript:	Agricultural valorization of treated effluent from Korhogo wastewater treatment plant
Type of the Article	Research

Review Form 3

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Treated wastewater from treatment plant could be used for irrigation and fertilization in agriculture. Suitability for irrigation is important. Fertilizing capacity is important. Treated wastewater is suitable for crops irrigation, contains sufficient nutrients enhancing crops development and yield.	
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.	The results of the study are confirmed, especially: <ol style="list-style-type: none"> 1. The present study show that treated domestic wastewater contains sufficient nutrients to be an alternative to mineral fertilizers used in vegetable crops downstream of wastewater treatment plants. 2. Analyses revealed compliance of majority of physico-chemical and microbiological parameters with WHO standards for treated wastewater discharge, except total nitrogen, nitrates, nitrites, ammonia, dissolved matters and total phosphorus which have average values slightly above standards. 3. The use of treated waters, as irrigation water, leads to an improvement in crops development, particularly about germination, growth and yield, with a productivity approximately 7 times compared to well water. 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

Review Form 3

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>	

Reviewer Details:

Name:	Covaci Brindusa
Department, University & Country	CBM International University, USA