

**Review Form 3**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_121733</b>
Title of the Manuscript:	<b>LAND USE AND SOIL CARBON SEQUESTRATION IN THE KOU WATERSHED, BURKINA FASO</b>
Type of the Article	

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>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.</b>	The work based on to assess the impact of different land use patterns on soil organic carbon stock and the contribution of this component to climate change mitigation. Work method is the soil samples were taken from depths of 0-15 cm and 15-30 cm along diagonal transects of study plots, with seventy-two composite samples collected in total. The author finds that the Soils in the riparian zone and irrigated crops were found to be the richest in clay. Only clay content was positively correlated with soil depth. The Kruskal-Wallis test shows that the amount of carbon varies significantly across land use/land cover classes. Wetland and woody savannah had the highest carbon stock, and shrub savannah had the lowest.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	It is seen that the carbon sequestration capacity of the Kou River's riparian zone is significant in the context of climate change mitigation. References are recent and title is also suit the manuscript. The paper can be published.	
<b>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.</b>		
<b>Are subsections and structure of the manuscript appropriate?</b>		
<b>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.</b>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>		
<b>Minor</b> REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>		
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Review Form 3**

**Reviewer Details:**

Name:	<b>Yashwant Singh</b>
Department, University & Country	<b>Government College, India</b>