

# ***Interactive comment on “Actors and networks in resource conflict resolution under climate change in rural Kenya” by G . W. Ngaruiya and J . Scheffran***

## **Anonymous Referee #2**

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General Comments Climate change impacts on many Kenya rural communities have had severe consequences including intensification of inter and intra community conflicts. Although there has been a lot of discussion on adaptation tactics particularly Community based Adaptation (CBA) and Ecosystem based Adaptation (EbA), little attention has been paid to the role of community networks in helping rural communities adapt to climate change impacts. I found this paper very interesting and informative and I believe it will trigger more discussions in the field of adaptation to climate change. The paper is also very well written in fluent language and also structured appropriately. However, I have a few suggestions which if implements can improve the paper's quality.

Specific comments 1. Line 100 on page 4. I suggest replacing “radically with colonial”

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with “radically by colonial” 2. Page 4 lines 120 – 125. It will be important to include references/examples of site 3. s where poor outcomes have been recorded. 4. Pages 7, lines 201 to 205. It is implied that once land becomes the only economic asset remaining, the land owner sub-divides for sale to “outsiders”. This needs to be clarified. 5. The fact that sale of land to “outsiders” leads to reduced land holdings, reduced grazing area, increased incidences of overgrazing, fencing – all these lead to reduced adaptive capacity. This needs to be highlighted. 6. Page 11. Lines 332. Sentence starting on line 332 needs to be broken. I suggest “Unmonitored land subdivision and climate variability, increased cases of wildlife poaching and human-wildlife conflicts. . . . .” 7. Page 15: lines 469 to 472. Replace “District Agricultural Officer (DAO), District Kenya Wildlife Service (DKWS), District Livestock Officer (DLO), District Local Government (DLG), Social Development Officer (DSDO), District Water Officer (DWO), District Kenya Forest Service (DKFS) and game scouts” with “District Agricultural Officer (DAO), District Kenya Wildlife Service (DKWS) officer, District Livestock Officer (DLO) Officer, District Local Government (DLG) officer Social Development Officer (DSDO), District Water Officer (DWO), District Kenya Forest Service (DKFS) officer and game scouts. 8. You also need to confirm the titles for the officers since the title District is no longer applicable – we have counties and sub-counties. There is need to confirm this and change throughout the paper. 9. Page 16 lines 493 – 497 “Since conflict-sensitive adaptation processes must be approached using a multi dimensional system that incorporates different levels, both administrative and societal (Tänzler et al., 2013). Then, this study postulates that central actors, who hold the network together in times of distress, also have potential to influence adaptation information quality and flow in the network.” Needs rephrasing. I suggest “Conflict-sensitive adaptation processes must be approached using a multi dimensional system that incorporates different levels, both administrative and societal (Tänzler et al., 2013). This study postulates that central actors, who hold the network together in times of distress, also have potential to influence adaptation information quality and flow in the network.” 10. Page 16 – lines 501 – 502 and also ather oparts of the paper – We no longer have districts in

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Kenya but Counties and Sub-counties. The authors needs to find out Loitoktok is now a sub-county.

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