

***Interactive comment on “Nitrogen availability determines the long-term impact of land-use change on soil carbon stocks in grasslands of southern Ghana” by John Kormla Nyameasem et al.***

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Responses to Reviewer comments:

Comment: We suggest the authors to strictly follow the EGU's guidelines in editing the text: i.e. abbreviations, % (3% or 3 %?), C (10 C or 10 C?), space in between numbers (10-30 days, or 10 - 30 days?), etc.

Response: We have effected the corrections in accordance with the journal style. For example lines 12, 90,101-102, 106, 134, 138, etc.

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Responses to other comments: Line 15. '(N)' is added to give 'nitrogen (N)'. Line 16. 'nitrogen' is changed to 'N' throughout the paper. Please check lines 16, 179, 165, 265, 306, etc. Line 27. '(C)' is added to give 'carbon (C)'. Line 28. '(Chabbi et al. 2017)' is corrected to '(Chabbi et al., 2017)'. Line 32. 'carbon' is changed to 'C'. Also see lines 36, 41, 269, 284. Line 40. 'OM' is added to give 'organic matter (OM)'. Line 43. 'organic matter' is changed to 'OM'. Also see lines 179, 235, 257,268, etc. Line 49. 'physico-chemical' is changed to 'physico-chemical'. Line 75. 'macronutrients' is changed to 'macro-nutrients'. Line 81. 'haplic' changed to 'Haplic'. Fig. 1. 'Department 2018' is corrected to 'Department, 2019'. Lines 109-110. We are grateful to the reviewer for the suggestion. It is well-noted. Line 125. '14000' is corrected to '14,000'. Line 134. '90oC' is corrected to '90 °C'; 'minutes' corrected to 'mins'. Lines 136-137. 'μl' is changed to 'μL'. Line 338. The sentences revised is revised. Please lines 338-339. Lines 342. 'macro and micro aggregates' is changed to 'macro- and micro-aggregates'. Line 387. 'interests' is corrected to 'interests.'

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