

***Interactive comment on “Effect of deforestation and subsequent land-use management on soil carbon stocks in the South American Chaco” by Natalia Andrea Osinaga et al.***

**Natalia Andrea Osinaga et al.**

alvarezc@agro.uba.ar

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First of all, thank you for your comment. The sub-humid Chaco region comprises a large area and there is scarce information about the impact of different land uses. Different land uses produced changes in SOC up to 1-m depth. It is important to know there magnitude in order to assess their impact on soil quality and climate change. On the other hand, a characterization of the physical quality of the soil was carried out. Monitoring soil physical quality is relevant in no-tillage systems, even more in silty soils. The silty texture soils have greater fragility against mechanical stress and low resilience.

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C1

Interactive comment on SOIL Discuss., <https://doi.org/10.5194/soil-2017-34>, 2018.

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