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Interactive comment on "Carbon, nitrogen and sulfur (CNS) status and dynamics in Amazon basin upland soils, Brazil" *by* Jörg Matschullat et al.

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Dear Hannes Reuter, dear Editor,

I was made aware that it might be helpful to further substantiate our comment regarding the bias of CNS and C-isotopic data in Europe and North America versus subtropical and tropical regions of the world (which dominate the continental surface):

https://international-soil-radiocarbon-database.github.io/ISRaD/

While this site focuses on soil radiocarbon, it is quite representative for the general knowledge gaps in soil carbon, nitrogen (and sulfur). One of the related problems

is that standard elemental analyzers do not deliver nitrogen values, and many face challenges with lower limits of determination in sulfur quantification.

Our lab is the only one in Europe that successfully passed the quality-demands of EuroGeoSurveys for the GEMAS atlas project and more recently now for the Austrlian Geoscience mapping programme NGSA (not yet published).

Sincerely

Jörg Matschullat

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