



EGUsphere, referee comment RC2
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Comment on egusphere-2022-281

Anonymous Referee #2

Referee comment on "Oil-palm management alters the spatial distribution of amorphous silica and mobile silicon in topsoils" by Britta Greenshields et al., EGU Sphere, <https://doi.org/10.5194/egusphere-2022-281-RC2>, 2022

Si plays an important role in terrestrial biogeochemical cycling. The study analyzed the spatial distribution of amorphous silica and mobile silicon in topsoil of oil-palm plantations. And the authors concluded that smallholders could efficiently reduce erosion and support Si cycling within the system by (1) maintaining a vegetation cover in oil-palm rows and interrows, (2) incorporating oil-palm litter into farm management and (3) preventing soil compaction and surface-crust formation. The paper was very interesting and well written. I recommend the paper publishing on EGU Sphere after minor revision.

- Figure should be redone. Color Figures are more expressive and easier for readers to understand, especially for Figure 1.
- PCoA ordination plot combined with multiple analysis of variance (adonis) may better reveal the research results.