

Interactive comment on “Generating a global gridded tillage dataset” by Vera Porwollik et al.

Anonymous Referee #1

Received and published: 4 January 2019

- the paper is well researched and written and the authors display a good understanding of the subject matter and know the relevant literature. - the subject is of interest, new and relevant - comment on line 266: the Pittelkow data are not reliable source, since they are derived from a metanalysis of not accurate data; practical field experiences particularly in rice, but also in some root and tuber crops (cassava, portato) show same or higher yields under no till and no puddling. - in general the wording "land suitable for CA" should be changed. There is no land which is not suitable for sustainable farming, but those land areas referred to as suitable might be more likely for adoption of CA while other land or crop areas might require more assistance or support for adoption. In general a very good paper.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2018-152>, 2018.