

SoilGrids 2.0: producing soil information for the globe with quantified spatial uncertainty

Response to reviewers

Laura Poggio¹, Luis M. de Sousa¹, Niels H. Batjes¹, Gerard B. M. Heuvelink¹, Bas Kempen¹, Eloi Ribeiro¹, and David Rossiter¹

¹ISRIC - World Soil Information - Wageningen (NL)

Correspondence: Laura Poggio (laura.poggio@isric.org)

Reviewer comment:

Only one very minor comment may need to be considered by the authors.--Line 43: 'pedology-based' may be not an appropriate word here because modern digital soil mapping researches including the SoilGrids are also pedology-based. I suggest replacing it with 'polygon-based'. That is an obvious difference between traditional and digital soil mapping. If agree, it would be better to make the change.

Response:

We modify the text as:

These issues have been addressed to varying degrees in various new global soil datasets (Batjes, 2016; Shangguan et al., 2014; Stoorvogel et al., 2017) that still largely draw on a traditional, pedology-based mapping approach (Dai et al., 2019)