

Interactive comment on “A new model for intra- and inter-institutional soil data sharing” by José Padarian and Alex B. McBratney

Anonymous Referee #2

Received and published: 22 November 2019

This is a nice paper describing an encrypted solution to a distributed database for soil information. Solution to share soil data are always important, given the sensitivity of some soil data and the reluctance of some institutions in sharing data that will be centralised somewhere.

Minor comments: - I think the election process described by the authors is of difficult implementation, not technically but more socially or institutionally. - I could not find mention on how to ensure a minimum data quality (e.g. standardisation, names encoding, laboratory quality). I understand this may be outside the scope of the paper, but I think some discussion about it could be useful. - Re data quality: would be possible to use his system to "grade" the quality of the data? i.e. use different types of institutional keys for different quality of data

C1

Interactive comment on SOIL Discuss., <https://doi.org/10.5194/soil-2019-65>, 2019.

C2