

Interactive comment on “An open source database for the synthesis of soil radiocarbon data: ISRaD version 1.0” by Corey R. Lawrence et al.

Jonathan Sanderman (Referee)

jsanderman@whrc.org

Received and published: 21 May 2019

This MS describes the International Soil Radiocarbon Database (ISRaD). ISRaD is really an active research community and should be lauded as a model for modern open science. The database itself is well described and easy to download and work with. The goal of ISRaD, and the focus of a large portion of this MS, is to make this database a living document that gains wide community acceptance and thus contributions.

Overall, the MS is very well written with only a few minor corrections listed below.

In terms of more major considerations, the only thing that I think is missing from this MS is a discussion about the different reporting conventions for ^{14}C data and how the database deals with this. In particular, in order to compare ^{14}C data across sites, some

Printer-friendly version

Discussion paper



consideration of sample collection date and sample analysis data might be required.

Minor corrections:

Abstract - Second to last sentence is an awkwardly phrased fragment. Please revise.

Line 27 – “these papers use and the uptake of bomb carbon” – I think “and” should be “of” here.

Figure 2 is mentioned in the text before Fig 1

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-55>, 2019.

Printer-friendly version

Discussion paper

