

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

### **Anonymous Referee #3**

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This paper is very meaningful by developing the International soil radiocarbon database. The illustration is mostly clear. My first suggestion is that the authors may illustrate their data sources in a detail way and how you update your database. The other thing is that the authors need to illustrate how they synthesize data of different sources since the synthesis seems one of your point in your paper. The specific comments are as follows: Line 35, 'this database', do you mean the database your paper built Line 135: fig.2 should come after figure. 1 Line 145-146, a little confusing there is no legend of points in figure 4 Figure 5: it seems that this figure is too simple ?? Table 2, what do you mean by "Measurements of carbon concentration are not, on their own, good estimates of the mass of carbon in soils"

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

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