

## ***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 #4**

Received and published: 4 July 2019

The paper address an very important topic on soil carbon dynamics. The efforts as organized will be definitely contribute significantly to the community. I only had one minor question as follows: One of the purposes of ISRaD is a trial to gather soil radiocarbon data and trying to bring synthesis between different methods, to understand the turnover time, residence time, or mean age of carbon in soil. Although the paper has been introducing the ISRaD with a great amount of details, it seems to me the analysis of these data (e.g. bringing the synthesis) is not yet presented/discussed. It would be nice to see a brief demonstration on the spatially distributed points, showing the turnover time, residence time, mean age of carbon in soil, etc.

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