

# ISRaD Credits

8/31/2020

## References

## Main compilations

ISRaD has been built based on two main compilations:

- He, Y., Trumbore, S. E., Torn, M. S., Harden, J. W., Vaughn, L. J. S., Allison, S. D., & Randerson, J. T. (2016). Radiocarbon constraints imply reduced carbon uptake by soils during the 21st century. *Science*, 353(6306), 1419–1424. doi:10.1126/science.aad4273
- Mathieu, J. A., Hatté, C., Balesdent, J., & Parent, É. (2015). Deep soil carbon dynamics are driven more by soil type than by climate: a worldwide meta-analysis of radiocarbon profiles. *Global Change Biology*, 21(11), 4278–4292. doi:10.1111/gcb.13012

## Studies within ISRaD

Currently, there are 362 entries (unique DOIs) in ISRaD, which are from the following publications:

Heckman, K. A. (2010). Pedogenesis & carbon dynamics across a lithosequence under ponderosa pine. Zenodo. Retrieved from <https://zenodo.org/record/1486081>

Kokfelt, U., Reuss, N., Struyf, E., Sonesson, M., Rundgren, M., Skog, G., Rosén, P., et al. (2010). Wetland development, permafrost history and nutrient cycling inferred from late holocene peat and lake sediment records in subarctic sweden. *Journal of Paleolimnology*, 44(1), 327–342. Springer Science; Business Media LLC. Retrieved from <https://doi.org/10.1007%2Fs10933-010-9406-8>

Kondo, M., Uchida, M., & Shibata, Y. (2010). Radiocarbon-based residence time estimates of soil organic carbon in a temperate forest: Case study for the density fractionation for japanese volcanic ash soil. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*, 268(7-8), 1073–1076. Elsevier BV. Retrieved from <https://doi.org/10.1016%2Fj.nimb.2009.10.101>

Kögel-Knabner, I., Guggenberger, G., Kleber, M., Kandeler, E., Kalbitz, K., Scheu, S., Eusterhues, K., et al. (2008). Organo-mineral associations in temperate soils: Integrating biology, mineralogy, and organic matter chemistry. *Journal of Plant Nutrition and Soil Science*, 171(1), 61–82. Wiley. Retrieved from <https://doi.org/10.1002%2Fjpln.200700048>

Kramer, M. G., & Chadwick, O. A. (2016). Controls on carbon storage and weathering in volcanic soils across a high-elevation climate gradient on mauna kea, hawaii. *Ecology*, 97(9), 2384–2395. Wiley. Retrieved from <https://doi.org/10.1002%2Fecy.1467>

Kramer, M. G., Sanderman, J., Chadwick, O. A., Chorover, J., & Vitousek, P. M. (2012). Long-term carbon storage through retention of dissolved aromatic acids by reactive particles in soil. *Global Change Biology*, 18(8), 2594–2605. Wiley. Retrieved from <https://doi.org/10.1111%2Fj.1365-2486.2012.02681.x>

KREMENETSKI, C., VASCHALOVA, T., GORIACHKIN, S., CHERKINSKY, A., & SULERZHITSKY, L. (2008). Holocene pollen stratigraphy and bog development in the western part of the kola peninsula, russia. *Boreas*, 26(2), 91–102. Wiley. Retrieved from <https://doi.org/10.1111%2Fj.1502-3885.1997.tb00656.x>

- Krull, E. S., Bestland, E. A., Skjemstad, J. O., & Parr, J. F. (2006). Geochemistry ( $\delta^{13}\text{C}$ ,  $\delta^{15}\text{N}$ ,  $^{13}\text{C}$  NMR) and residence times ( $^{14}\text{C}$  and OSL) of soil organic matter from red-brown earths of south australia: Implications for soil genesis. *Geoderma*, 132(3-4), 344–360. Elsevier BV. Retrieved from <https://doi.org/10.1016%2Fj.geoderma.2005.06.001>
- Krull, E. S., & Skjemstad, J. O. (2003).  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  profiles in  $^{14}\text{C}$ -dated oxisol and vertisols as a function of soil chemistry and mineralogy. *Geoderma*, 112(1-2), 1–29. Elsevier BV. Retrieved from <https://doi.org/10.1016%2Fs0016-7061%2802%2900291-4>
- Krull, E. S., Skjemstad, J. O., Burrows, W. H., Bray, S. G., Wynn, J. G., Bol, R., Spouncer, L., et al. (2005). Recent vegetation changes in central queensland, australia: Evidence from  $\delta^{13}\text{C}$  and  $^{14}\text{C}$  analyses of soil organic matter. *Geoderma*, 126(3-4), 241–259. Elsevier BV. Retrieved from <https://doi.org/10.1016%2Fj.geoderma.2004.09.012>
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- Kuhry, P., & Vitt, D. H. (1996). Fossil carbon/nitrogen ratios as a measure of peat decomposition. *Ecology*, 77(1), 271–275. Wiley. Retrieved from <https://doi.org/10.2307%2F2265676>