

# ***Interactive comment on* “Technical note: A global database of the stable isotopic ratios of meteoric and terrestrial waters” by Annie L. Putman and Gabriel J. Bowen**

## **Anonymous Referee #2**

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The hydrogen and oxygen stable isotopes have been widely used to identify sources, transport pathways and phase-change processes within the water cycle in different fields. The technical note builds an open-access, global database of stable isotopic ratios of different water types. The work is very useful for data collecting and sharing. I think the note has provided detailed description about how to build, use and update the database. However, it would be helpful for readers to use the database if authors could consider the following two points. Firstly, describe the sample types more detail. For example, considering the phase of precipitation (rain, snow or mixed), the temperature of spring (hot or cold), the types or depths of groundwater (confined or unconfined, and shallow or deep). Secondly, give the homepage of the wiDB web interface in the

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technical note.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-173>, 2019.

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