

## ***Interactive comment on “Global database and model on dissolved carbon in soil solution” by Joep Langeveld et al.***

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It is a very interesting study and fits well to the scope of BG. I am not an expert on soil data and thus waiting for the comments from reviewers on the validity and robustness of the method. I have one suggestion from the modeling perspective. To date, many Earth system and land surface models are using SOC as a proxy to calculate the DOC concentration in the soil and then using it with water flow to calculate DOC fluxes to inland waters. Could the authors calculate the correlation between the modeled global DOC in this study and global SOC data (such as HWSD SOC) to see how the previous proxy-based method might bias DOC flux estimates?

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