

Interactive comment on “A soil moisture monitoring network to characterize karstic recharge and evapotranspiration at five representative sites across the globe” by Romane Berthelin et al.

Anonymous Referee #1

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The paper introduces a major international field campaign and observational research program which is based on the networking of instruments for enhancing the high temporal and spatial resolution of soil moisture observations in karstic areas in different climates around the globe. This network will present novel data that could help to develop physical and conceptual models in the karstic regions. The strategy for selecting different climates, land-uses, scientific methods, and assumptions are valid and clearly outlined. The description of experiments and calculations is sufficiently complete and precise to allow their reproduction by fellow scientists. The authors give proper credit

C1

to related work and clearly indicate their own new/original contribution. The language is fluent and precise; and symbols, abbreviations, and units are correctly defined and used. The amount and quality of supplementary material and references are appropriate. The title clearly reflects the contents of the paper. The overall presentation is well structured and clear. The results are not sufficient to support the interpretations and conclusions, however, they are useful for giving positive indications about the correctness of authors' assumptions. The abstract provides a complete summary but is not concise and lacks the keywords.

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C2