

# ***Interactive comment on “Hydrogeological effects of dredging navigable canals through lagoon shallows. A case study in Venice” by Pietro Teatini et al.***

**Anonymous Referee #2**

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This paper is absolutely interesting for the evaluation on the hydrogeological effects brought by intensified human activities in the coastal zones. This paper presents a large amount of data observed or modeled. I agree on the comments from another reviewer. These data can be shown in a better way for a enjoyable reading. Table 5, I think is not necessary to show so many elements. You can show several typical elements and the potential changes due to the dredging. Fig.1, " the small black dots indicate the positions of hydro-stratigraphic previous investigations." If no data is shown with these points, they should be removed for a better illustration. Fig.4, a description on the vessel is necessary, but not with the photo. what are the red points? why not also show the computed results together with the measured one since you can

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compute that 300 m far away?

I don't think 4.4 model should be in the section of "results". A section of discussion may be better.

HESSD

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2017-317>, 2017.

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