

Interactive comment on “Turbulent transport of discharged ground water in oceanic bottom boundary layers in a water channel experiment” by Nils Karow et al.

Anonymous Referee #1

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The paper provides the study of the transport of tracer substances under various wave conditions in shallow coastal water using the laborator experiments. PIV and LIF methods are used to measure the velocity field and the trancer concentration field. Optical measurement approach is used to analyze the movement of the trancer. The study is interesting and will be useful to the readers and researchers working in the similar area. The content fits well with the scope of the journal. The manuscript is well written and presented.

Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2019-116>, 2020.