

Nat. Hazards Earth Syst. Sci. Discuss., author comment AC3
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Reply on RC2

Joey O'Dell et al.

Author comment on "A global open-source database of flood-protection levees on river deltas (openDELvE)" by Joey O'Dell et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2021-291-AC3>, 2022

We thank Hamed Moftakhari for his review and for his positive words about openDelve. Some of the comments we also expressed by reviewer #1. To them we responded that we submitted our manuscript to NHSS because we felt the community and readership would be very interested to learn about our new research and our derived global statistics on river deltas: of the deltas in our database, we find that 19% of their habitable area is confined within flood-protection levees.

We thank Hamed also for pointing us to this interesting work on the "levee effect". We will certainly include this in a revision because of its relevance for the paper. Four of us live behind levees in the Netherlands. It is even relevant for us.