

Nat. Hazards Earth Syst. Sci. Discuss., author comment AC1  
<https://doi.org/10.5194/nhess-2021-291-AC1>, 2022  
© Author(s) 2022. This work is distributed under  
the Creative Commons Attribution 4.0 License.



## Reply on RC1

Jaap H. Nienhuis et al.

---

Author comment on "A global open-source database of flood-protection levees on river deltas (openDELvE)" by Jaap H. Nienhuis et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2021-291-AC1>, 2022

---

We thank the reviewer for their review, and for their positive words about our paper. We decided to submit to NHSS because we felt the community and readership would be very interested to learn about our new research and our derived global finding on river deltas: of the deltas in our database, we find that 19% of their habitable area is confined within flood-protection levees. At the same time, we decided against including substantial new derived analyses in this manuscript because we felt it would mask the major contribution that is the openDELvE database itself. Instead, we provide database statistics and extensive methodology and focus the manuscript on a single message: openDelve. We fully agree that a decision about our manuscript at NHSS is ultimately then an editorial one.