

***Interactive comment on “Tsunami Hazard assessment and Scenarios Database for the Tsunami Warning System for the coast of Oman” by Íñigo Aniel-Quiroga et al.***

**Anonymous Referee #4**

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Review of the paper entitled “Tsunami Hazard assessment and Scenarios Database for the Tsunami Warning System for the coast of Oman”, by Aniel-Quiroga et al. 2018 The paper is a Tsunami Hazard assessment for the coast of Oman. It generates large Tsunami database Scenarios for the sake of Tsunami Warning System (TWS). The paper treats all the seismic sources as if they are tsunami generating sources even if there is no possibility or evidence of the sources to generate Tsunami, and this may be client oriented for completeness of TWS data. It uses sound methodology for tsunami simulation followed by discussion and conclusions. References are adequate. In its current form, it make an excellent report to client as it legally cover the authors from the fear if something happens. It hide behind fear if something happen rather than

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give scientific evidence of the choices of large magnitudes. It can be reduced to be a good scientific paper when it treats the tsunamigenic seismic sources scientifically with supporting evidence of the magnitudes.

Detailed comments submitted in the supplement file.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-221/nhess-2018-221-RC4-supplement.pdf>

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-221>, 2018.

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