

Interactive comment on “Extreme wave events in Ireland: 2012–2016” by Laura O’Brien et al.

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The reviewed paper extends and revises the previous catalogue of extreme wave events in Ireland published in 2013; it also adds the material for 2012-2016. The reviewer initiated the similar work with the rogue wave catalogue in the World Ocean, and now I am happy to see a very detailed catalogue for Ireland. I absolutely support the publication of the given paper.

Meanwhile, I have some minor comments:

1. Speaking about meteo-tsunami, it will be good to cite the reviewed paper: Vilibic I., Monserrat S., and Rabinovich A. Meteorological tsunamis on the US East Coast and in other regions of the World Ocean. Natural Hazards, 2014, vol. 74, 1-9.
2. It will be good to give a map with all locations of extreme wave observations.

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3. I am not sure that the title properly reflects the context. Perhaps, the title ‘Catalogue of extreme wave events in Ireland: revised and updated for 14680 BP – 2016’ will be better.
4. Figure 2 and 3. It will be interesting to indicate by an arrow the tsunami entry time or, if it is difficult the earthquake time.
5. Section 5.2 discusses the rogue wave events, but I could not find the magnitude of the significant wave heights in any of the section items. As a result, it is difficult to check the criterion for rogue waves and to judge its validity. Such criterion, for instance, was specially checked in the rogue wave catalogue by I. Nikolkina and I. Didenkulova.
6. Perhaps, the citing of the paper “Baschek, B., and J. Imai. Rogue wave observations off the US West Coast. *Oceanography*, 2011, vol.24, 158–165, doi:10.5670/oceanog.2011.35” will be useful to give more information about the existing rogue wave catalogues.

I recommend publishing this paper after some minor revision.

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