

## ***Interactive comment on “Updating knowledge of cyclonic wave hazard for Tahiti and Moorea Islands (French Polynesia) through a probabilistic approach” by S. Lecacheux et al.***

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Received and published: 26 May 2014

Comment 1 :

Title: could be more specific than “Updating knowledge of : : :”, more like “Cyclonic wave heights and periods at Tahiti and Moorea Islands coasts following a probabilistic modelling approach”. I use coast and not shoreline, as the wave heights are valid at the level of the forereef and coral reef crests, and not the coastline per se.

Answer to comment 1:

The title can be revised as proposed. Depending on the content of the next version, it  
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will also mention the analysis of seasonal waves.

Comment 2 :

I would be curious to see the results of the interpolation of the SHOM data around the islands. May be an added figure? Was the set of multibeam data collected in the last 20 years around these islands used (e.g. Zepolyf campaigns)?

Answer to comment 2:

The data of the Zepolyf campaigns were not used (only Etopo, SRTM and the SHOM data). A figure showing the bathymetric contours around Tahiti and Moorea can be added in the next version.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 725, 2014.