

Interactive comment on “Different approaches to model the nearshore circulation in the south shore of Oahu, Hawaii” by Joao Marcos Azevedo Correia de Souza and Brian Powell

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Received and published: 18 October 2016

First of all, thank you for the thoughtful review of our manuscript. All your comments are being taken into consideration for the revised manuscript. There is one point, however, I would like to discuss a little further. I have been dedicating a lot of thought to the validation of the circulation model. For the "scenarios" time period there are no observations that I know of. The only level obs are inside Honolulu Harbour and are not representative of the ocean tide amplitudes an phase (<https://tidesandcurrents.noaa.gov/stationhome.html?id=1612340>) - that makes it tricky to compare to a model that doesn't fully resolve the harbour channel. I would really appreciate if you (or anyone) have any information on datasets on the near-shore cir-

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ulation, water levels or whatever other data that can be used to validate our runs. That said, we believe that comparing different model results can be useful to give us some insight on the circulation patterns and near-shore process in such an important region.

Kind regards

Joao Souza

Interactive comment on Ocean Sci. Discuss., doi:10.5194/os-2016-72, 2016.

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