

## ***Interactive comment on “Thetis coastal ocean model: discontinuous Galerkin discretization for the three-dimensional hydrostatic equations” by Tuomas Kärrnä et al.***

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I'm reluctantly forced into the position of acting as reviewer due to a lack of other options. In fact out of the numerous requests made, two other referees did promised to provide reviews (in addition to the one already published) but they have subsequently stopped responding to email.

However, the paper is basically well-written and we already have one informed and careful review so in this case I'm comfortable proceeding on the basis of this and my own views.

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The manuscript presents an interesting approach to unstructured grids (including a free surface but not moving in the horizontal or otherwise adaptive). Are there any plans to extend to adaptive grids, other than what might be implied by wetting and drying?

The paper presents several standard tests all of which appear to produce acceptable results, and conforms to the GMD standards (noting the earlier discussion concerning title/code). Therefore I would be happy to recommend publication after the minor revisions required by reviewer 1.

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-292>, 2018.

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