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

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We would like to thank the reviewer for their positive comments.

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?

Mesh adaptivity is currently being implemented in the Firedrake modeling framework. Once completed, we are indeed planning on introducing horizontal mesh adaptivity in

Thetis as well.