

Interactive comment on “Bathymetric Properties of the Baltic Sea” by Martin Jakobsson et al.

Martin Jakobsson et al.

martin.jakobsson@geo.su.se

Received and published: 6 June 2019

Reviewer #2 does not raise any major concerns, but points out several to the point editorial corrections that we implemented. He/she does suggest that we make available the TRI grid, which we are happy do. We will therefore placed it in the Bolin Centre Database at Stockholm University, along with the appropriate metadata. This will be stated in the revised paper so that the readers can get access to the grid. Reviewer #2 does suggest to either find a color map with more color variations for Figure 1, or add more hill shading. We have decided to add more hill shading rather than changing color map as we do believe that sticking with the blue makes it consistent with the other bathymetric maps in the paper.

Regarding the comment on Page 2, line 17. We are not in the position of providing the exact data coverage, simply because it is not provided to EMODnet due to the

C1

restrictions of some countries of providing bathymetry, as now more clearly stated in the paper under section 2.1.

Reviewer #2 agrees with our point raised on page 8 line 9/10 “This highlights the caution needed when interpreting a DBM compiled from heterogeneous source data, something that will be further addressed in the discussion.” He/suggests that we add a specific section in the discussion. However, we do follow up on this issue in several places in the discussion. For this reason, we find it redundant to add a specific section and prefer to keep it as is.

Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2019-18>, 2019.

C2