

Interactive comment on “Low frequency variability in North Sea and Baltic Sea identified through simulations with the 3-d coupled physical-biogeochemical model ECOSMO” by Ute Daewel and Corinna Schrum

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We would like to thank the reviewer for taking the time and effort to review our work. The comments will be considered in an updated version of the manuscript. Specifically, we will carefully check the text for inconsistencies and revise the figures according to the suggestions.

Answer to the comment concerning Page 3, line 21: The reviewer is of course right, this is poorly phrased. We will change the text to:” The advantage of model-derived data

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is their spatially explicit characteristics, which allows resolving the variability on various time and spatial scales. To identify major modes of variability we apply a widely used method in climate and ocean science, the empirical orthogonal function analysis, a statistical method

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