

Interactive comment on “Assessment of a physical-biogeochemical coupled model system for operational service in the Baltic Sea” by Z. Wan et al.

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1. The simulation period was set 2007-2008 due to the inter-comparison experiments by all participants in the MyOcean project in the Baltic Sea. There is no comprehensive real-time observations to validate model.
2. Satellite Chlorophyll images were not used, because they are not better than the model results. We may consider to add on. See the Supplement for a model-satellite-observation comparison in the Baltic Sea.
3. The modeled bottom oxygen was quite off partailly due to the incorrect DIN initial fields. See Figure 13 C versus I. We would consider to rerun the model. It might be
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improved with the updated ERGOM model including the particulate iron–phosphate-complexes (Neumann and Schernewski, 2008).

Please also note the supplement to this comment:
<http://www.ocean-sci-discuss.net/9/C109/2012/osd-9-C109-2012-supplement.pdf>

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