**This list of publications is intended to help the model user to get up to speed, and is not an exhaustive list of papers based on ERSEM.**

**ERSEM I publications**

Baretta JW, Ebenho¨h W, Ruardij P (1995) The European Regional Seas Ecosystem Model, a complex marine ecosystem model. Neth J Sea Res 33:233–246

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Ruardij, P., Baretta, J.W., Baretta-Becker, J.G. (1995) SESAME, a software environment for simulation and analysis of marine ecosystems. Neth J Sea Res 33:261-270

Ebenhӧh, W., Kӧhlmeier, C., Radford, P.J. (1995) The benthic biological submodel in the European Regional Seas Ecosystem Model. Neth J Sea Res 33: 423-452

Ruardij P, van Raaphorst W (1995) Benthic nutrient regeneration in the ERSEM-BFM ecosystem model of the North Sea. Neth J Sea Res 33:453–483

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Ebenhӧh, W., Baretta-Bekker, J.G., Baretta, J.W. (1997) The primary production module in the marine ecosystem model ERSEM II, with emphasis on the light forcing. J Sea Res 38: 173-193

Baretta-Bekker, J.G., Baretta, J.W., Ebenhӧh, W. (1997) Microbial dynamics in the marine ecosystem model ERSEM II with decoupled carbon assimilation and nutrient uptake. J Sea Res 38: 195-211

Lenhart, H.J., Radach, G., Ruardij, P. (1997) The effects of river input on the ecosystem dynamics in the continental coastal zone of the North Sea using ERSEM. J Sea Res 38: 249-274

Ruardij P, van Haren H, Ridderinkhof H (1997) The impact of thermal stratification on phytoplankton and nutrient dynamics in shelf seas: a model study. J Sea Res 38:

311–331

Ruardij P, Veldhuis MJW, Brussaard CPD (2005) Modeling the bloom dynamics of the polymorphic phytoplankter Phaeocystis globosa: impact of grazers and viruses. Harmful Algae 4:941–963

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Vichi M, Ruardij P, Baretta JW (2004) Link or sink: a modelling interpretation of the open Baltic biogeochemistry. Biogeoscience 1:79–100

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**ERSEM-BFM publications**

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van Leeuwen, S.M., Tett, P., Mills, D.K., van der Molen, J., 2015. Stratified and nonstratified areas in the North Sea: long-term variability and biological and policy implications. JGR Oceans 120, 4670-4686, DOI: 10.1002/2014JC010485.

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