

List of Publications

(Publication since 2013 listed)

1. Krämer, K., Holler, P., Herbst, G., Bratek, A., Ahmerkamp, S., Neumann, A., . . . Winter, C. (2017). Abrupt emergence of a large pockmark field in the German Bight, southeastern North Sea. *Scientific Reports*, 7, 5150. doi:10.1038/s41598-017-05536-1
2. Floeter, J., van Beusekom, J. E. E., Auch, D., Callies, U., Carpenter, J., Dudeck, T., . . . Möllmann, C. (2017). Pelagic effects of offshore wind farm foundations in the stratified North Sea. *Progress in Oceanography*, 156, 154-173. doi:<http://dx.doi.org/10.1016/j.pocean.2017.07.003>
3. Neumann, A., van Beusekom, J. E. E., Holtappels, M., & Emeis, K.-C. (2017). Nitrate consumption in sediments of the German Bight (North Sea). *Journal of Sea Research*. doi:<http://dx.doi.org/10.1016/j.seares.2017.06.012>
4. Schwichtenberg, F., Callies, U., & van Beusekom, J. E. E. (2017). Residence times in shallow waters help explain regional differences in Wadden Sea eutrophication. *Geo-Marine Letters*, 37(2), 171-177. doi:10.1007/s00367-016-0482-2
5. van Beusekom, J. T., R; Bobsien, R; Boersma, M; Buschbaum, C; Dänhardt, A; Darr, A; Friedland, R; Kloppmann, M; Kröncke, I; Rick, H-J; Wetzel, M. (2017). Aquatische Ökosysteme: Nordsee, Wattenmeer, Elbeästuar und Ostsee. In C. M. von Storch H, Meinke I (Ed.), *Hamburger Klimabericht*. Hamburg.
6. Cox, T. J. S., van Beusekom, J. E. E., & Soetaert, K. (2017). Tune in on 11.57 μ Hz and listen to primary production. *Biogeosciences Discuss.*, 2017, 1-15. doi:10.5194/bg-2017-81
7. Folmer, E. O., van Beusekom, J. E. E., Dolch, T., Gräwe, U., van Katwijk, M. M., Kolbe, K., & Philippart, C. J. M. (2016). Consensus forecasting of intertidal seagrass habitat in the Wadden Sea. *Journal of Applied Ecology*, 53(6), 1800-1813. doi:10.1111/1365-2664.12681
8. Huthnance, J., Weisse, R., Wahl, T., Thomas, H., Pietrzak, J., Souza, A. J., . . . Woodworth, P. (2016). Recent Change—North Sea. In M. Quante & F. Colijn (Eds.), *North Sea Region Climate Change Assessment* (pp. 85-136). Cham: Springer International Publishing.
9. Emeis, K.-C., van Beusekom, J., Callies, U., Ebinghaus, R., Kannen, A., Kraus, G., . . . Zorita, E. (2015). The North Sea — A shelf sea in the Anthropocene. *Journal of Marine Systems*, 141, 18-33. doi:<http://dx.doi.org/10.1016/j.jmarsys.2014.03.012>
10. Potts, T., O'Higgins, T., Brennan, R., Cinnirella, S., Brandt, U. S., de Vivo, J. L. S., . . . Hosgor, A. G. (2015). Detecting critical choke points for achieving Good Environmental Status in European seas. *Ecology and Society*, 20(1). doi:10.5751/ES-07280-200129
11. Alexander, K. A., Kershaw, P., Cooper, P., Gilbert, A. J., Hall-Spencer, J. M., Heymans, J. J., . . . van Beusekom, J. (2015). Challenges of achieving Good Environmental Status in the Northeast Atlantic. *Ecology and Society*, 20(1). doi:10.5751/ES-07394-200149
12. Walter, B., Peters, J., van Beusekom, J. E. E., & St. John, M. A. (2015). Interactive effects of temperature and light during deep convection: a case study on growth and condition of the diatom *Thalassiosira weissflogii*. *ICES Journal of Marine Science*,

- 72(6), 2061-2071. doi:10.1093/icesjms/fsu218
- Canion, A., Kostka, J. E., Gihring, T. M., Huettel, M., van Beusekom, J. E. E., Gao, H., . . . Kuypers, M. M. M. (2014a). Corrigendum to "Temperature response of denitrification and anammox reveals the adaptation of microbial communities to in situ temperatures in permeable marine sediments that span 50° in latitude" published in *Biogeosciences*, 11, 309–320, 2014. *Biogeosciences*, 11(2), 461-462. doi:10.5194/bg-11-461-2014
13. Canion, A., Kostka, J. E., Gihring, T. M., Huettel, M., van Beusekom, J. E. E., Gao, H., . . . Kuypers, M. M. M. (2014b). Temperature response of denitrification and anammox reveals the adaptation of microbial communities to in situ temperatures in permeable marine sediments that span 50° in latitude. *Biogeosciences*, 11(2), 309-320. doi:10.5194/bg-11-309-2014
14. de Jonge, V. N., Schuttelaars, H. M., van Beusekom, J. E. E., Talke, S. A., & de Swart, H. E. (2014). The influence of channel deepening on estuarine turbidity levels and dynamics, as exemplified by the Ems estuary. *Estuarine, Coastal and Shelf Science*, 139, 46-59. doi:<https://doi.org/10.1016/j.ecss.2013.12.030>
15. Deek, A., Dähnke, K., van Beusekom, J., Meyer, S., Voss, M., & Emeis, K. (2013). N₂ fluxes in sediments of the Elbe Estuary and adjacent coastal zones. *Marine Ecology Progress Series*, 493, 9-21.
16. Kowalski, N., Dellwig, O., Beck, M., Gräwe, U., Neubert, N., Nägler, T. F., . . . Böttcher, M. E. (2013). Pelagic molybdenum concentration anomalies and the impact of sediment resuspension on the molybdenum budget in two tidal systems of the North Sea. *Geochimica et Cosmochimica Acta*, 119, 198-211. doi:<https://doi.org/10.1016/j.gca.2013.05.046>
17. Loebl, M., van Beusekom, J. E. E., & Philippart, C. J. M. (2013). No microzooplankton grazing during a *Mediopyxis helysia* dominated diatom bloom. *Journal of Sea Research*, 82, 80-85. doi:<https://doi.org/10.1016/j.seares.2012.09.010>