

Publications

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List of Publications since 2012

Neumann, A., van Beusekom, J., Eisele, A., Emeis, K-Ch., Friedrich, J., Kröncke, I., Logemann, E.L., Meyer, J., Naderipour¹, C. Schückel, U., Wrede, A., M-L. Zettler (L&O, in revision) Macrofauna as a major driver of benthic-pelagic exchange in the southern North Sea.

Bratek, A., van Beusekom, J. E. E., Neumann, A., Sanders, T., Friedrich, J., Emeis, K.-Ch., and K. Dähnke (2020) [Spatial variations in sedimentary N-transformation rates in the North Sea \(German Bight\)](#). Biogeochemistry, 17, 2839–285.

Friedrich, Jana; Bold, Sina; Heininger, Peter; Bradley, Chris; Tyler, Andrew; Stanica, Adrian & DANUBIUS-PP Consortium (2019) [Science and Innovation Agenda of DANUBIUS-RI - The International Centre for Advanced Studies on River-Sea Systems](#). DOI 10.5281/zenodo.3712902

Bunzel, D., Y. Milker, K. Müller-Navarra, H. W. Arz, J. Friedrich, N. Lahajnar and G. Schmiedl (2020). [Integrated stratigraphy of foreland salt-marsh sediments of the south-eastern North Sea region](#). Newsletters on Stratigraphy 53(4): 415 - 442.

Stevens, T., L. Mee, J. Friedrich, D. Aleynik and G. Minicheva (2019). [Partial Recovery of Macro-Epibenthic Assemblages on the North-West Shelf of the Black Sea](#). Frontiers in Marine Science 6: 474, doi:10.3389/fmars.2019.00474.

Müller-Navarra, K., Y. Milker, D. Bunzel, S. Lindhorst, J. Friedrich, H. Arz and G. Schmiedl (2019). [Evolution of a salt marsh in the southeastern North Sea region – Anthropogenic and natural forcing](#). Estuarine, Coastal and Shelf Science 218: 268-277.

Roca-Martí, M., Puigcorbè, V., Friedrich, J., Loeff, M.R. van der, Rabe, B., Korhonen, M., Cámara-Mor, P., García-Orellana, J., & Masqué, P. (2018): [Distribution of ²¹⁰Pb and ²¹⁰Po in the Arctic water column during the 2007 sea-ice minimum: Particle export in the ice-covered basins](#). Deep Sea Research Part I: Oceanographic Research Papers, 2018, doi:10.1016/j.dsr.2018.09.011

Bradley, C., M. J. Bowes, J. Brils, J. Friedrich, J. Gault, S. Groom, T. Hein, P. Heininger, P. Michalopoulos, N. Panin, M. Schultz, A. Stanica, I. Andrei, A. Tyler and G. Umgiesser (2018). [Advancing integrated research on European river–sea systems: the DANUBIUS-RI project](#). International Journal of Water Resources Development 34(6): 888-899.

Ahmerkamp, S., Winter, C., Krämer, K., Beer, D. d., Janssen, F., Friedrich, J., Kuypers, M. M. M. and Holtappels, M. (2017): [Regulation of benthic oxygen fluxes in permeable sediments of the coastal ocean](#). Limnol. Oceanogr., doi:10.1002/lno.10544

Baschek, B., Schroeder, F., Brix, H., Riethmüller, R., Badewien, T. H., Breitbach, G., Brügge, B., Colijn, F., Doerffer, R., Eschenbach, C., Friedrich, J., Fischer, P., Garthe, S., Horstmann, J., Krasemann, H., Metfies, K., Merckelbach, L., Ohle, N., Petersen, W., Pröfrock, D., Röttgers, R., Schlüter, M., Schulz, J., Schulz-Stellenfleth, J., Stanev, E., Staneva, J., Winter, C., Wirtz, K., Wollschläger, J., Zielinski, O., and Ziemer, F. (2017): [The Coastal Observing System for Northern and Arctic Seas \(COSYNA\)](#), Ocean Sci., 13, 379-410, doi:10.5194/os-13-379-2017

Neumann, A., Möbius, J., Hass, Ch., Puls, W., and J. Friedrich (2016): [Empirical model to estimate permeability of surface sediments in the German Bight \(North Sea\)](#). Journal of Sea Research, doi:10.1016/j.seares.2016.12.002

Edward Mawji et al mult. (2015): [The GEOTRACES Intermediate Data Product 2014](#), Marine Chemistry 177, 1-8, doi:10.1016/j.marchem.2015.04.005

Friedrich, J., F. Janssen, D. Aleynik, H. W. Bange, N. Boltacheva, M. N. Çagatay, A. W. Dale, G. Etiope, Z. Erdem, M. Geraga, A. Gilli, M. T. Gomoiu, P. O. J. Hall, D. Hansson, Y. He, M. Holtappels, M. K. Kirf, M. Kononets, S. Konovalov, A. Lichtschlag, D. M. Livingstone, G. Marinaro, S. Mazlumyan, S. Naeher, R. P. North, G. Papatheodorou, O. Pfannkuche, R. Prien, G. Rehder, C. J. Schubert, T. Soltwedel, S. Sommer, H. Stahl, E. V. Stanev, A. Teaca, A. Tengberg, C. Waldmann, B. Wehrli and F. Wenzhöfer (2014): [Investigating hypoxia in aquatic environments: diverse approaches to addressing a complex phenomenon](#). Biogeosciences 11(4): 1215-1259. doi:10.5194/bg-11-1215-2014

Renaud, F.G., Syvitski, J.P.M., Sebesvari, Z., Werners, S.E., Kremer, H.H., Kuenzer, C., Ramesh, R. Jeuken, A., and Friedrich, J. (2013): [Tipping from the Holocene to the Anthropocene: how threatened are major world deltas?](#) Current Opinion in Environmental Sustainability. doi:10.1016/j.cosust.2013.11.007

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