

# NOAH

## Vorträge

Amirshahi, S.M., Winter, C., Kwolle, E., 2016. Characteristics of instantaneous turbulent events in southern German Bight, River Flow 2016: Iowa City, USA, 11th–14th July, 2016.

Blanz, B., Held, H., 2016. Modelling ecosystem economy interaction dynamics. North Sea Open Science Conference 2016, Oostende, Belgium.

Blanz, B., Held, H., 2016. Modelling ecosystem economy interaction dynamics. DAMES 26.9.-28.9.2016, Hamburg, Germany.

Brockmeyer, B., Niehus, N.C., Theobald, N., Witt, G., 2015. Spatial distribution of hydrophobic organic contaminants in bulk marine sediment-porewater systems and the effect of grain size in the North Sea. SETAC Europe 3-7 May 2015 Barcelona.

Dähnke, K., Deek, A., Neumann, A., Newham, M., Emeis, K.-C., 2013. Are coastal North Sea sediments an efficient filter for anthropogenic nitrogen? , European Geosciences Union (EGU) 2013, Vienna, Austria, 7. - 12. April 2013.

Diekmann R., Kraus, G., 2014. Konzepte zur Integration von Bewertungsansätzen: Von Ökosystemleistungen, Indikatoren und Risiken. KÜNO Jahrestagung, 18.-19.06.2014, Warnemünde.

Diekmann, R., Neumann, H., Krönke, I., Stelzenmüller, V., Fock, H.O., Kraus, G., 2014. Scaling up trawling impacts on benthic communities: How fine scale investigations help evaluating large scale effects. ICES Annual Science Conference, 21.-25.09.2015, Copenhagen, Denmark. CM2015 P:15.

Dutschke, F., Soto-Alvaredo, J., Pröfrock, D., Prange, A., 2014. Optimization of Centrifugal-FFF coupled to ICP-MS-MS for the detection of nanoparticles in marine samples. 3. Doktorandenseminar des DAAS–Spektroskopie und Spurenanalytik, 20th September 2014, Münster.

Dutschke, F., Soto-Alvaredo, J., Pröfrock, D., Prange, A., 2015. Separation and detection of titanium dioxide nanoparticles from marine sediments samples using centrifugal-Field-Flow-Fractionation hyphenated to ICP-MS-MS European Winter Conference on Plasmaspectrochemistry, 22.02.2015 – 26.02.2015, Münster, Germany.

Emeis, K.-C. und die NOAH Teilprojektleiter, 2016a. Mapping sea floor status and functions in the the German North Sea sector, Sino-German Workshop on Biogeochemical Pressures and their Effects on Marine Ecosystems in China and Europe, Hamburg (29. August 2016).

Emeis, K.-C. und die NOAH Teilprojektleiter, 2016b. NOAH – Habitatmodelle in der Nordsee, Meeresumweltsymposium, Hamburg (31. Mai 2016).

Emeis, K.-C. und die NOAH Teilprojektleiter, 2016d. Coastal research in Germany - observation, modelling and sea floor assessments. University of Haifa, Israel (27. September 2016).

Emeis, K.-C. und NOAH Projektpartner, 2016. Sea floor properties and integrity in the southern North Sea, ECSA 56, Bremen (6.-9. September, 2016).

Emeis, K.-C. und NOAH Projektteam, 2017a. Sea floor properties and integrity in the southern North Sea, KÜNO-Sommerschule, Lauenburg (2017).

Emeis, K.-C. und NOAH Projektteam, 2017b. Sea floor properties and integrity in the southern North Sea. Geologisch-Biogeochemisches Seminar, Universität Hamburg, Hamburg (2017).

- Emeis, K.-C., 2016. Coastal research in Germany - observation, modelling and sea floor assessments, Geoscience Colloquium, Universität Stettin, Stettin, Poland (8. April 2016).
- EMEIS, K.-C., 2013. Die deutschen Küstenmeere im globalen Wandel. 10. BMBF-Forum für Nachhaltigkeit, 9. – 11. September 2013, KUBUS des UFZ, Leipzig.
- Emeis, K.-C., 2014. Assessment of biogeochemical habitats in the coastal zone. COST Symposium; Sopot, Polen, 6-8.4. 2014.
- Friedrich, J., van Beusekom, J. E. E., Neumann, A., Naderipour, C., Janssen, F. , S. Ahmerkamp, M. Holtappels, T., Oehler, U. Schueckel, Wirtz, K., 2015. Towards an integrated view of benthic and pelagic processes in the southern North Sea (German Bight), Future Coast Symposium, Berlin
- Krämer, K., 2017. Methanaustritte am Helgoland-Riff. Maritime Woche an der Weser 19.09.2017, Bremen.
- Meyer, J., Kröncke I., 2018. Comparison of functional and structural long-term variability of south-eastern North Sea macrofauna communities in relation to environmental parameters, ICES Annual Science Conference, Hamburg (26. September 2018).
- Meyer, J., Kröncke I., 2018. Comparison of functional and structural long-term variability of south-eastern North Sea macrofauna communities in relation to environmental parameters, ICES Annual Science Conference, Hamburg (26. September 2018).
- Meyer, J., Kröncke, I., 2018. Functional long-term variability of south-eastern North Sea macrofauna communities, Senckenberg Young Scientists Retreat, Rostock (9. Juni 2018)
- Neumann, H., 2018. NOAH - North Sea Observation and Assessment of Habitats, Benthos Working Group Meeting, Hamburg (February 2018)
- Neumann, H., Kröncke, I., 2017. Habitatmodellierung epibenthischer Gemeinschaften in der südöstlichen Nordsee, BfN Arbeitstreffen „Kartierung epibenthisch dominierter Biotoptypen“, Insel Vilm, Germany (22. November 2017).
- Neumann, H., Kröncke, I., 2018. Habitatmodellierung epibenthischer Gemeinschaften in der südöstlichen Nordsee, Treffen BLANO FachAG Benthos, Hamburg (14. Februar 2018).
- Niehus, N., Brockmeyer, B., Seiler, T., Hollert, H., Witt, G., 2015. Equilibrium passive sampling as a tool to study hydrophobic organic chemicals in the sediment pore water of the German Bight (North Sea) and Wadden Sea. SETAC Europe 3-7 May 2015 Barcelona.
- Oehler, T., Martinez R. and Schlüter M., 2013. Benthic transport processes and their impact on silicate, ammonium and carbon budgets of the Southern North Sea, University of southern Denmark-Nordisk Center for Jordens Udvikling, Odense (Denmark).
- Oehler, T., Martinez R. and Schlüter M., 2014. Seasonal and spatial variations of in situ measured benthic fluxes of nutrients and carbon at the sediment water interface of the southern North Sea. AGU 2014 Fall Meeting, San Francisco (USA).
- Petersen, J., Pröfrock, D., Broekaert, J.A.C., Prange E , A. 2014. Application of the Chemcatcher-Metal passive sampler as alternative sampling method for trace metals in the aquatic environment. Franco Spanish Workshop 2014, Pau, France.
- Probst, W. N. 2014. How to be "good"–Comparing methods to assess time series of ecological indicators. ICES ASC 2014, Á Coruna, Spain, G:27.
- Pröfrock, D. 2014. Effects of chemical stressors in the coastal and marine environment. YIC – HZG Workshop on Biogeochemistry of Coastal Seas, Yantai Institute for Coastal Zone Research, China, October 16 – 18, 2014.

Pröfrock, D. 2014. Hyphenated Techniques - Overview About Recent Tools and Developments for Marine Environmental Speciation Analysis – Challenges, Tips and Tricks. 7th Nordic conference on Plasma Spectrochemistry, 01st - 4th June 2014, Loen, Norway.

Pröfrock, D. 2014. The role of mass spectrometry in environmental research: From trace elements to environmental proteomics.

Pröfrock, D., Prange, A. 2014. New Possibilities for Ultra Trace Multi Element and Speciation Analysis in Environmental Samples Using ICP-MS-MS. 7th Nordic conference on Plasma Spectrochemistry, 01st - 4th June 2014, Loen, Norway.

Pröfrock, D., Prange, A., 2014. Advantages of ICP-MS/MS as detector for sensitive element speciation analysis of marine samples. TraceSpec 2014, Aberdeen, Scotland, 31st August - 4th September 2014.

Pröfrock, D., Prange, A., 2014. Application of HPLC-ICP-MS/MS for Sensitive Element Speciation Analysis of Marine Samples. Winter Conference on Plasma Spectrochemistry 2014, Amelia Island, Florida, USA, January 6 - 11, 2014.

Pröfrock D., Retzetzmann, A., Zimmermann, T., Prange, A., 2015. ICP-MS and hyphenated techniques for trace analysis of emerging contaminants in marine environmental samples. European Winter Conference on Plasmaspectrochemistry, 22.02.2015 – 26.02.2015, Münster, Germany.

Pröfrock OCK, D., Zimmermann, T., Prange, A., 2015. Past and recent developments for the direct multi element analysis of marine waters. EMRP ENV08 Workshop, 25.09.2014, PTB, Berlin, Germany.

Reininghaus, M., Niehus, N., Witt, G., 2017a. In situ Gleichgewichtssammler zur Messung von hydrophoben organischen Substanzen in küstennahen marinen Sedimenten, Neustadt Weinstraße, Germany (November 2017).

Reininghaus, M., Witt, G., 2017b. In situ equilibrium passive sampling of hydrophobic organic hydrocarbons in coastal marine sediments - Comparing in situ versus ex situ sampling, SETAC Europe Congress, Brüssel, Belgien (2.-7. Mai 2017).

Schafberg, M., Lau, A.E., Kraus, U.R., Brockmeyer, B., 2018. Towards a cost-effective and rapid toxicological screening method for organic contaminants in marine matrices using HPTLC-bioluminescence detection with *Aliivibrio fischeri*, DIOXIN, Krakau, Polen (26.-31. August 2018).

Seidel, H., Stelzenmüller, V. 2014. Spatio-temporal biodiversity indicators for monitoring common objectives of the German Maritime Spatial Plan and the Marine Strategy Framework Directive. ICES ASC 2014, Á Coruna, Spain, G:24.

Stelzenmüller, V., Fock, H.O., Gimpel, A., Rambo, H., Diekmann, R., Probst, W.N., Callies, U., Bockelmann, F., Neumann, H., Kröncke, I., 2014. Environmental risk assessments in the context of marine spatial management: Current approaches and some perspectives. ICES Annual Science Conference 2014, Á Coruna, Spain, CM2014 G:39.

Stelzenmüller, V., Fock, H.O., Gimpel, A., Rambo, H., Diekmann, R., Probst, W.N., Callies, U., Bockelmann, F., Neumann, H., Kröncke, I., 2014. Quantitative environmental risk assessments in the context of marine spatial management: Current approaches and some perspectives. Ecological Basis of Risk Analysis for Marine Ecosystems, 02.-04.06.2014, Porvoo, Finland.

Winter et al., 2017. Beispiele für morphodynamische Prozesse in der Deutschen Bucht: Ergebnisse jüngerer Fahrten mit Heincke. Workshop „Mittelgroße Forschungsschiffe“ 23.2.2017, Kiel.

Winter, C., 2017. Forschungsbedarf Morphodynamik aus Sicht von Modellanwendern und Modellentwicklern. KFKI Morphodynamik Workshop, 29.3.2017, Hannover.

Winter, C., 2017. NOAH Synthese - Prozessstudien am Meeresboden der Deutschen Bucht, KFKI Seminar, 22.11.2017, Bremerhaven.

Witt, G., Hercht, H., Niehus, N.C., Reininghaus, M., 2016a. In situ equilibrium passive sampling of hydrophobic organic compounds in coastal marine sediments, 7th SETAC World Congress, Orlando, USA (November 2016).

Witt, G., Niehus, N.C., Reininghaus, M., Schweikert, F., 2016b. Equilibrium passive sampling of hydrophobic organic compounds in coastal marine sediments, Florida Department of Environmental Protection, Tallahassee, FL, USA (November 2016).

Witt, G., Niehus, N., Reininghaus, M., 2019. North Sea Observation and Assessment of Habitats (NOAH) - Investigations in the German Bight, Geological Norwegian Institute, March 2019, Oslo, Norway.

## Poster

Blanz, B., Held, H. 2016. Modelling ecosystem economy interaction dynamics. ECSA 56, 4.9. -7.9.2016, Bremen, Germany.

Brockmeyer, B., Niehus, N. C., Theobald, N., Witt, G. 2015. Distribution of non-polar organic contaminants between sediment, fine grained material and pore water of the German Bight. Posterpräsentation SETAC Barcelona 2015.

Bockmeyer, B., Theobald, N. 2015. Silicone passive samplers for organic pollutants in water: Utilizing accelerated solvent extraction (ASE) for purification and extraction., Poster, SETAC Europe 3-7 May 2015 Barcelona.

Diekmann, R., Neumann, H., Rambo, H., Kröncke, I., Stelzenmüller, V., 2018. Effects of fisheries closures on seafloor integrity: A modelling example from the German part of the North Sea, ICES ASC 2018, Hamburg, Germany (24th to 27th September 2018).

Friedrich, J., van Beusenkom, J., Neumann, A., Naderipour, C. 2015. Towards an integrated view of benthic and pelagic processes in the southern North Sea (German Bight). Geophysical Research Abstracts, Vol. 17, EGU2015-9199, EGU General Assembly 2015.

Gonzales-Gago, A., Pröfrock, D., Prange, A. 2014. Comparison of GC-(NCI)MS, GC-(ICP)MS and GC-(EI)MS/MS for the determination of PBDEs in water samples according to the requirements of the Water Framework Directive. Winter Conference on Plasma Spectrochemistry 2014, Amelia Island, Florida, USA, 6-11 January 2014.

Krämer, K., Winter, C., 2016. Field measurements of small scale bedform dynamics in tidal environments in the German Bight, Marine and River Dune Dynamics – MARID V, Caernarfon, Wales, 4th–6th April 2016.

Kreutzer, A., Reininghaus, M., Nabo, N., Meyer, J., Kröncke, I., Witt, G., 2019. Effects of bioturbation on the freely dissolved hydrophobic organic chemical contribution in sediment cores on the German Bight. , YES Meeting, Gent, Belgium.

Meyer, J., Kröncke, I., 2018. Functional long-term variability of south-eastern North Sea macrofauna communities, Senckenberg Young Scientists Retreat, Rostock (9. Juni 2018).

Meyer, J., Kröncke, I., 2018. Functional long-term variability of south-eastern North Sea macrofauna communities, Senckenberg Young Scientists Retreat, Rostock (9. Juni 2018).

Müller-Navarra, K., Milker, Y., Schmiedl, G., 2013. Bioverfügbarkeit und ökotoxikologische Charakterisierung von HOC's in Sedimenten der Deutschen Bucht. PALSEA2 2013 Meeting: "Estimating rates and sources of sea-level change during past warm periods", Rome.

Neumann, A., et al., 2015. Spatial and temporal patterns in oxygen and nutrient fluxes in sediment of German Bight (North Sea). EGU 2016-14238.

- Neumann, A., Friedrich, J., van Beusenkom, J., Naderipour, C., 2015. Benthic remineralisation rates in southern North Sea - from point. Geophysical Research Abstracts, Vol. 17, EGU2015-12967, EGU General Assembly 2015.
- Niehus, N. C., Brockmeyer, B., Witt, G., 2014. Bioverfügbarkeit und ökotoxikologische Charakterisierung von HOC's in Sedimenten der Deutschen Bucht. Posterpräsentation SETAC Gießen (2014).
- Petersen, J. P., D., Broekaert, J.A.C., Prange, A. 2015. Passive sampling – an alternative monitoring tool for trace metals concentrations in marine waters. SETAC Europe 3-7 May 2015 Barcelona.
- Petersen, J., Pröfrock, D., Broekaert, J.A.C., Prange, A. 2014. Application of the Chemcatcher-Metal passive sampler as alternative sampling method for trace metals TraceSpec 2014, Aberdeen, Scotland, 31st August - 4th September 2014.
- Petersen, J., Pröfrock, D., Broekaert, J.A.C., Prange, A. 2013. Passive sampling as a tool for time-integrated analysis of metals in marine waters using ICP-MS-MS. 6th International Passive Sampling Workshop and Symposium, Bordeaux, France, 26-29 June 2013.
- Retzmann, A., Pröfrock, D., Prange, A. 2014. Entwicklung einer Methode zur Untersuchung von Gadolinium-haltigen Kontrastmitteln in Wasserproben aus estuarinen Systemen basierend auf Kapillar-HILIC/ICP-MS. ICP-MS Anwendertreffen 2014, Geesthacht, Germany, 15th – 18th September 2014.
- Soto-Alvaredo, J., Bettmer, J., Sanz-Medel, A., Montes-Bayón, M., Dutschke, F., Pröfrock, D., Prange, A. 2014. The use of complementary analytical strategies (SdFFF-MALS, SdFFF-ICP-MS/MS, TEM and SEM) to evaluate the behaviour of TiO<sub>2</sub> Nanoparticles in coastal waters. TraceSpec 2014, Aberdeen, Scotland, 31st August - 4th September 2014.
- Sühring, R., Quade, S., Wolschke, H., Heydebreck, F., Ebinghaus, R. 2013. Novel brominated and chlorinated flame retardants in sediments from the German Bight. Setac Europe annual meeting 12 - 16. May 2013, Glasgow.
- Sühring, R., Wolschke, H., Kotke, D., Ebinghaus, R. 2014. Distribution and input of brominated flame retardants and Dechloranes in the German Bight. Organohalogen Compounds Vol. 76, 214-217 (2014), Dioxin Symposium 2014, Madrid.
- Witt, G., Niehus, N.C., Konopka, K.F., Mayer, P., Floeter, C. 2015. Comparison of passive and standard dosing of polycyclic aromatic hydrocarbons to the marine algae *Phaeodactylum tricorutum* Posterpräsentation SETAC Barcelona 2015
- Wolschke, H., Heydebreck, F., Xie, Z., Sühring, R., Ebinghaus, R. 2013. Occurrence and distribution of organic UV-stabilizers in sediments of the German Bight. Setac Europe annual meeting 12 - 16. May 2013, Glasgow.