

Vorträge

Bathmann, U., Böttcher, M. E., Forster, S., Gogina, M., Hiller, A., Kunz, F., Lipka, M., Liu, B., Morys, C., Renz, J., Schernewski, G., Zettler, M. L. 2017. Linking abiotic and biotic information for evaluation of sedimentary services in the German Baltic Sea. BSSC 2017, 12-16 June, Rostock, Germany.

Bathmann, U., Böttcher, M.E., Forster, S., 2017. Linking abiotic and biotic information for evaluation of sedimentary services in the German Baltic Sea. BSSC 2017, 12-16 June 2017, Rostock, Germany.

Bathmann, U., Böttcher, M.E., Forster, S., et.al., 2017. Linking abiotic and biotic information for evaluation of sedimentary services in the German Baltic Sea. – 11th Baltic Sea Science Congress 11-15 June 2017 (BSSC 2017).

Bathmann, U., Böttcher, M.E., Forster, S., Gogina, M., et al. 2017: Linking abiotic and biotic information for evaluation of sedimentary services in the German Baltic Sea. 11th Baltic Sea Science Congress (BSSC 2017). Rostock, Germany, 12.06.2017 - 16.06.2017.

Bathmann, U., Böttcher, M.E., Forster, S., Gogina, M., Hiller, A., Kunz, F., Lipka, M., Liu, B., Morys, C., Renz, J., Schernewski, G., Zettler, M.L., 2017. Linking abiotic and biotic information for evaluation of sedimentary services in the German Baltic Sea. – 11th Baltic Sea Science Congress, BSSC 2017.

Berg, M., Kruse, T., Kruse, M. 2017. Fischerei als Kulturpraxis und kultureller Inspirationsgeber entlang der deutschen Ostseeküste. IALE-D (Internationale Gesellschaft für Landschaftsökologie (IALE)) Jahrestagung. Münster, 20-22. September 2017.

Böttcher, M.E., 2018: Stable isotopes as tracers in (Paleo-) hydrography and biogeochemistry of the Baltic Sea (key note). 16th Stable Isotope Network Austria Meeting (SINA). Graz (Austria).

Brian, R., MacKenzie, Gogina, M., Zettler, M.L., 2017. The Past and Future Habitats of a Key Benthic Animal, *Saduria entomon*, in the Baltic Sea – Combined Impacts of Climate Change and Nutrient Loading Scenarios. BONUS INSPIRE Symposium. 17-19 October 2017, Tallinn, Estonia.

Bunke, D., Leipe, T., Dellwig, O., Abraham, M., Moros, M., Arz, H.W., 2016. Spatial and temporal pollution patterns in western Baltic Sea sediments, The 13th Colloquium on Baltic Sea marine geology (BALTIC 2016), Gdańsk, Poland (12.-16. September 2016)

Bunke, D., Virtasalo, J.J., Morys, C., Leipe, T., Moros, M., Arz, H.W., 2015. Possible causes of sediment dynamics and mixing in western Baltic Sea basins, 10th Baltic Sea Science Congress (BSSC 2015), Rīga, Latvia (15.-19. June 2015)

Bunke, D., Leipe, T., Tauber, F., Moros, M., Arz, H.W., 2015. Sedimentäre Leistungen der westlichen Ostsee im Kontext menschlicher Nutzung, 79. Tagung der Arbeitsgemeinschaft Norddeutscher Geologen (NGT 2015), Güstrow, Germany (26.-29. May 2015)

Bunke, D., Leipe, T., Dellwig, O. et al. 2016. Spatial and temporal pollution patterns in western Baltic Sea sediments. The 13th Colloquium on Baltic Sea Marine Geology (BALTIC 2016), Gdańsk, Poland

Forster, S., Renz, J., 2014, Does burrow geometry govern solute exchange by *Marenzelleria*? 4th Nereis Park Conference 2014, Plymouth, UK (2014)

Frenzel, M., Groner, E., Müller, F., 2018. Ecosystem Integrity revised: How to increase its usability in assessing states of and management targets for ecosystems? Terreno-Konferenz, Berlin.

Friedland, R., Inácio, M., Meyers, L., Schernewski, G., Stybel, N., 2016. Water quality in Szczecin Lagoon (past, present, future) – an approach to integrate modelling and observations, Eurolag 7, Murcia, Spain (01.-04. March 2016)

Friedland, R., Neumann, T., Nausch, G., Wasmund, N., Schernewski, G., 2016. Calculation of water quality targets in the south-western Baltic Sea on the edge of WFD and MSFD, Workshop of the

Network of Experts for ReDeveloping Models of the European Marine Environment, Belgium (20.-21. January 2016)

Friedland, R., Schernewski, G., Neumann, T., 2015. Integrated modelling of water quality targets for the south-western Baltic Sea, 17th IWA International Conference on Diffuse Pollution and Eutrophication, Berlin, Germany (13.-18. September 2015)

Friedland, R., Schernewski, G., Neumann, T., 2015. Integrated modelling of water quality targets for the south-western Baltic Sea. 18th International Workshop on Physical Processes in Natural Waters, Landau, Germany (24.-28. August 2015)

Friedland, R., Neumann, T., Schernewski, G., 2015. The good ecological state of Baltic lagoons – defined by using historical nutrient loads and achieved with the new BSAP, Baltic Sea Science Conference, Latvia (15.-19. June 2015)

Friedland, R., Schernewski, G., Neumann, T., 2014. The good ecological state of the Baltic lagoons – defined by using the historical nutrient loads and achieved with the new BSAP? Littoral 2014, Klaipeda, Lithuania (22.-26. September 2014)

Friedland, R., Schernewski, G., Nausch, G., Neumann, T., Wasmund, N., Leujak, W., Petenati, T., von Weber, M., Venohr, M., Gadegast, M., 2014. Ableitung des ökologischen Referenzzustandes mit einem integrierten Ansatz aus Modellen und Messwerten, Meeresumwelt-Symposium, Hamburg, Germany (03.-04. June 2014)

Friedland, R., Schernewski, G., Neumann, T., 2014. Simulation of the historical ecosystem state as a reference according to the Water Framework Directive, 2nd International Conference on Climate Change - The environmental and socio-economic response in the southern Baltic region, Szczecin, Poland (12.-15. May 2014)

Friedland, R., Gräwe, U., Schernewski, G., Neumann, T., 2014. Klimawandel und Gewässerqualitätsziele für die Ostsee, RADOST-Abschlusskonferenz, Rostock, Germany (01.-02. April 2014)

Friedland, R., Schernewski, G., Neumann, T., 2013. New Simulations of eutrophication scenarios using an improved version of ERGOM, Baltic Sea Science Conference, Klaipeda, Lithuania (26.-30. August 2013)

Friedland, R., Schernewski, G., Neumann, T., 2013. Simulations of eutrophication scenarios with and an improved version of ERGOM, 7th Study Conference on BALTEX, Borgholm, Sweden (10.-14. June 2013)

Gogina, M., Nygård, H., Blomqvist, M., Daunys, D., Josefson, A.B., Kotta, J., Maximov, A., Warzocha, J., Yermakov, V., Gräwe, U., et al., 2015. The Baltic Sea scale inventory of benthic faunal communities, ICES ASC 2015, Copenhagen, Denmark N:07, (21.-25. September 2015)

Gogina, M., Darr, A., Morys, C., Lipka, M., Woelfel, J., Zettler, M.L., 2015. Quantifying and mapping the potential role of benthic macrofauna in ecological functioning along natural gradients, ASLO Aquatic Sciences Meeting 2015, Granada, Spain (22.-27. February 2015) [Link](#)

Gogina, M., Zettler, M.L., Blomqvist, M., Nygård, H., Daunys, D., Josefson, A.B., Kotta, J., Yermakov, V., Warzocha, J., Darr, A., et al., 2014. Holistic approach to analyze benthic fauna communities on the whole Baltic Sea, IMBER Open Science Conference "Future Oceans" 2014, Bergen, Norway (23.-27. June 2014)

Gogina, M., Darr, A., Schiele, K., Zettler, M.L., 2013. Matching the benthic biodiversity and habitat suitability to sediment properties. First results for modeling and mapping, BSSC 2013, Klaipeda, Lithuania (26.-30. August 2013)

Gogina, M. 2018. Benthic macrofauna of the Baltic Sea and its role in ecosystem functioning. invited seminar talk at HZG, Geesthacht.

Gogina, M., 2017. Macrozoobenthos in the Lübeck Bight. KüNO Coastal Summer School, 10-21 September 2017, Lauenburg, Germany

Gogina, M., Lipka, M., Woelfel, J. et. al. 2017. Who or what shapes the gradients in pore-water profiles? On the hunt for an explanation of the impact of benthic macrofauna on biogeochemistry and benthic-pelagic element coupling. BSSC 2017 - 11th Baltic Sea Science Congress 2017, 12.06.-16.06.2017 Rostock.

Gogina, M., Lipka, M., Woelfel, J., et.al., 2018. Field-evidenced relationships between benthic macrofauna and biogeochemistry in the south-western baltic sea. ASLO Summer meeting, 10-15 June 2018, Victoria, Canada.

Gogina, M., Lipka, M., Woelfel, J., Liu, B., Böttcher, M. E., Zettler, M. L. 2017. Who or what shapes the gradients in pore-water profiles? On the hunt for an explanation of the impact of benthic macrofauna on biogeochemistry and benthic-pelagic element coupling. BSSC 2017, 12-16 June, Rostock, Germany.

Gogina, M., Lipka, M., Woelfel, J., Liu, B., Böttcher, M.E., Zettler, M.L., 2017. Who or what shapes the gradients in pore-water profiles? On the hunt for an explanation of the impact of benthic macrofauna on biogeochemistry and benthic-pelagic element coupling. 11th Baltic Sea Science Congress (BSSC 2017). Rostock, Germany, 12.06.2017 - 16.06.2017.

Gogina, M., Lipka, M., Wölfel, J., et. al., 2017. Who or what shapes the gradients in pore-water profiles? On the hunt for an explanation of the impact of benthic macrofauna on biogeochemistry and benthic-pelagic element coupling. BSSC 2017, 12-16 June, Rostock, Germany.

Gogina, M., Zettler, M., Wählström, L., et al., 2018. Modelling past and future distribution of a key benthic animal, *Saduria entomon*, in the Baltic Sea under combined climate change and nutrient loading scenarios. ASLO Summer meeting, 10-15 June 2018, Victoria, Canada.

Hiller, A., Kunz, F., Schernewski, G., Bathmann, U., 2018. : Der Baltic Sea Atlas - Ein WebGIS zur öffentlichen Präsentation räumlicher Forschungsergebnisse. Sitzung der Projektgruppe MDI-DE.

Inácio, M., Schernewski, G., Nazemtseva, Y., et al., 2017. Assessing ecosystem services of German Baltic coastal lagoons. MEDCOAST 2017 - The Thirteenth MEDCOAST Congress on Coastal and Marine Sciences, Engineering, Management & Conservation. 03.11.2017.

Inácio, M., Schernewski, G., Nazemtseva, Y., et al., 2017. Marine ecosystem services assessment: from Szczecin Lagoon to Pomeranian Bay. BSSC 2017 - 11th Baltic Sea Science Congress 2017. 14.06.2017, Rostock, Deutschland.

Inácio, M., Schernewski, G., Nazemtseva, Y., et al., 2018. Assessing and comparing the provision of ecosystem services in different Southern Baltic coastal lagoons. EUROLAG8 - 8th European Coastal Lagoons Symposium. 22.03.2018

Inácio, M., Schernewski, G., Nazemtseva, Y., et al., 2016. Marine ecosystem services assessment: Szczecin Lagoon and Pomeranian Bay case studies. Littoral 2016 "The changing littoral. Anticipation and adaptation to climate change".

Inacio, M., Schernewski, G., Nazemtseva, Y., et al., 2018 . Temporal dynamics of ecosystem services provision in coastal waters: experiences from the Baltic Sea. ECOSERV - 5th Scientific Symposium on Ecosystem Services in Transdisciplinary Approach.

Inacio, M., Schernewski, G., Nazemtseva, Y., Friedland, R., Benz, J., 2017. Assessment of ecosystem services from transitional to coastal waters: examples of Szczecin and Pomeranian Bay. AMK 2017 - 35th Annual Conference 'Geography of Seas and Coasts'. 21.04.2017

Inacio, M., Schernewski, G., Schumacher, J., et al., 2018. Assessing and mapping changes in ecosystem services provision: examples from Baltic transitional waters bodies. ESP EU 2018 - ESP EUROPE REGIONAL CONFERENCE 2018 - 'Ecosystem services in a changing world: moving from theory to practice'.

Kruse, M., Berg, M., Kruse, T., 2017. The German Baltic Sea and Coast - Assessment of ecosystem services today and in the past. 35th Annual Conference of the Working Group „Geography of Seas and Coasts“(AMK). Kiel, 19.-22. April 2017.

Kruse, M., Kruse, T., Berg, M. et. al. 2017: Ökosystemleistungen der deutschen Ostsee und Ostseeküste – Bewertung aus ökologischer und ethischer Perspektive. Ecosystem Services Partnership-Deutschland; Vernetzungstreffen. Hannover, 09.-10. November 2017.

- Kruse, M., Kruse, T., Bicking, S., 2017. Introduction to the projects SECOS Synthese & BACOSA II - Marine and coastal ecosystem services in the German Baltic Sea. ESMEALDA Workshop. Madrid, 4.-7. April 2017.
- Kunz, F., Bathmann, U., 2016. The service of sediments in German coastal seas – a spatial, functional and monetary approach by the SECOS project, oral presentation at Estuarine Coastal Sciences Association - ECSA 56 Conference, Bremen, Germany (04.-07. September 2016)
- Kunz, F., Bathmann, U., 2016. SECOS: The Service of Sediments in German Coastal Seas – a Spatial, Functional and Monetary Approach, 34th Annual Conference 'Geography of Seas and Coasts' (AMK), Warnemünde, Germany (20.-23. April 2016)
- Kunz, F., Bathmann, U. 2016. The service of sediments in German coastal seas – a spatial, functional and monetary approach by the SECOS project.; ECSA 56 - Coastal systems in transition: From a 'natural' to an 'anthropogenically-modified' state.
- Kunz, F., Bathmann, U. 2016. The Service of Sediments in German Coastal Seas – a spatial, functional and monetary approach; AMK - 34th Annual Conference 'Geography of Seas and Coasts'
- Kunz, F., Friedland, R., Hiller, A., et. al., 2016: Phosphorus-related services of sediments in German Coastal Seas – aspects of the SECOS project. 8th International Phosphorus Workshop (IPW8). Rostock, Germany, 12.09.2016 - 16.09.2016.
- Kunz, F., Hiller, A., Schernewski, G., Bathmann, U. 2018. Das WebGIS zur öffentlichen Präsentation räumlicher Forschungsergebnisse – Baltic Sea Atlas. LUNG – Invited Talk Güstrow, Germany, 21.06.2018
- Kunz, F., Hiller, A., Lipka, M., et. al., 2016: Phosphorus-related services of sediments in German coastal seas - Aspects of the SECOS project. 8th International Phosphorus Workshop (IPW8). Rostock, Germany, 12.09.2016 - 16.09.2016.
- Lipka, M., Schmiedinger, I., Liu, B., Böttcher, M.E., 2017: Tracing the isotopic signature of carbon sources for marine dissolved inorganic carbon via Keeling plot analysis. German Association of Stable Isotope Research, Annual Conference 2017 (GASIR 2017). Hannover, Germany.
- Lipka, M., Schmiedinger, I., Liu, B., Winde, V., Böttcher, M.E., 2017. Processes controlling $\delta^{13}C$ in the water column and surface sediments of marginal seas. Goldschmidt Conference 2017. Paris, France, 13.08.2017 - 18.08.2017
- Morys, C., Graf, G., Forster, S., 2014. Variability of bioturbation intensity: a concept to explain geographic patterns, 4th Nereis Park Conference 2014, Plymouth, UK (2014)
- Müller, F., 2016. Linking attributes of ecosystem conditions and ecosystem services. ESP Europe Conference, Antwerpen 2016.
- Müller, F., 2017. Ecosystems have complex dynamics, disturbances and decay. ECOSUMMIT 2017 Montpellier.
- Müller, F., 2019. Ecosystem valuation strategies at different scales. Systemwissenschaftliches Kolloquium Uni Osnabrück, 2019.
- Müller, F., Bicking, S.. 2018. Ecosystem Service Assessments in a Sequence of Land- and Seascapes in Northern Germany. EcoServ, 5th scientific symposium: Ecosystem services in transdisciplinary approach. Posen, Poland, 17.-19. September 2018.
- Müller, F., Windhorst, W., Kruse, M. 2017. Theoretical and empirical linkages between biodiversity, integrity and ecosystem services. ECOSUMMIT 2017 Montpellier.
- Radtke, H., Neumann, T., 2015. Extending the Baltic Sea ecosystem model ERGOM into the sediment - an early diagenetic modelling approach, Modeler's Seminar at Baltic Nest Institute, Stockholm, Schweden (30. March 2015)
- Radtke, H., 2014. New methods and perspectives of ecosystem modelling at IOW, 12th Polish-German Seminar on Baltic Sea Research, Ozeanographisches Institut der polnischen Akademie der Wissenschaften, Sopot, Polen (03.-14. September 2014)

- Radtke, H., 2013. The code generation tool for biogeochemical models, Modular Coupling Workshop 2013, Sandkrughof, Germany (16.-18. September 2013)
- Radtke, H. et al. 2018. Extending a biogeochemical model into the sediment – State and perspectives of ERGOM-SED. ICES Working Group on Integrative, Physical-biological and Ecosystem Modelling (WGIPEM), Copenhagen, Denmark, 16.-20.04.2018.
- Renz, J.R., Powilleit, M., Gogina, M., Zettler, M.L., Morys, C., Forster, S., 2018. Bioirrigationspotential von benthischen Gemeinschaften (BIPc) - Ein Index zur Quantifizierung des Potentials für Porenwasseraustausch an der Sediment-Wasser-Grenzfläche; Interdisziplinäre Wissenschaftstagung zur Biodiversitätsforschung im Rahmen des UN-Übereinkommens über die biologische Vielfalt (CBD) 2018.
- Robbe, E., Schernewski, G., Inacio, M., Paysen, P., 2018. An Ecosystem Service Assessment Tool - Application Examples in Baltic Coastal Waters. Littoral 2018.
- Sagebiel, J., 2016. Valuing Coastal Ecosystem Services at the Baltic Sea, 34. Jahrestagung des Arbeitskreises „Geographie der Meere und Küsten“, Warnemünde, Germany (21. April 2016)
- Schernewski, G., Friedland, R., Nausch, G., Neumann, T., Wasmund, N., Leujak, W., Petenati, T., v. Weber, M., Venohr, M., Gadegast, M., 2014. Gewässerqualitätsziele für die deutschen Ostseegewässer, Strategie-Workshop zur Ableitung von Nährstoffreferenz- und Orientierungswerten für die Nordsee, BSH, Hamburg, Germany (11. July 2014)
- Schernewski, G., Friedland, R., Hirt, U., Neumann, T., 2013. Integrated modelling and management of river basin-lagoon-sea systems, VI EUROLAG Conference, Lecce, Italy (16.-19. December 2013)
- Schernewski, G., Friedland, R., Hirt, U., Neumann, T., Stybel, N., Heidecke, C., 2013. EU policy implementation in Germany: Water quality, Presentation at the Lithuanian Environmental Protection Agency, Vilnius, Lithuania (16. September 2013)
- Schernewski, G., Friedland, R., Stybel, N., Neumann, T., Venohr, M., 2013. Water quality management in coastal lagoons: Future challenges, Baltic Sea Science Conference, Klaipeda, Lithuania (26.-30. August 2013)
- Schernewski, G., Friedland, R., Hirt, U., Neumann, T., Heidecke, C., 2013. EU policy implementation in Germany: Baltic Sea water quality, Baltic Sea Science Conference, Klaipeda, Lithuania (26.-30. August 2013)
- Schernewski, G., Neumann, T., Venohr, M., 2013. Integrated modeling and management of river basin – coastal sea systems: A southern Baltic Sea case study, 6th International Conference on Water Resources and Environment Research “Water and Environmental Dynamics”, Koblenz, Germany (03.-07. June 2013)
- Schernewski, G., 2013. Klimawandel, Meer und Küste, Radost-Workshop, TU Hamburg-Harburg, Germany (23.-24. May 2013)
- Schernewski, G., Inacio, M., 2018. Ecosystem service assessment in German coastal and marine waters. International workshop on ocean ecosystem services.03.07.2018.
- Schernewski, G., Inacio, M., 2018. Ecosystem Service Assessment in German coastal and marine waters. Workshop on Ecosystem Service Assessment in Coastal and Marine Waters.
- Schernewski, G., Inacio, M., Robbe, E., Schumacher, J., 2018. Expert-based ecosystem service assessment to support coastal and marine policies. Littoral 2018.
- Schulz, K., Umlauf, L., 2016. Residual Transport of Suspended Sediment by Tidal Straining near Sloping Topography, Ocean Sciences Meeting, New Orleans, Louisiana, U.S.A. (22. February 2016)
- Schulz, K., Umlauf, L., 2015. Residual Transport of Suspended Sediment by Tidal Straining near Sloping Topography, Warnemünde Turbulence Days, Vilm (03. September 2015)
- Schulz, K., Umlauf, L., 2015. Residual Transport of Suspended Sediment by Tidal Straining near Sloping Topography, ILWAO Seminar, Leibniz-Institute for Atmospheric Research, Kühlungsborn, Germany (10. July 2015)

Schulz, K., Umlauf, L., 2015. Residual Transport of Suspended Sediment by Tidal Straining near Sloping Topography, Gordon Kenan Research Seminar, Biddeford, Maine, USA (07. June 2015)

Schumacher, J., Bicking, S., 2019. Assessment of ecosystem services across the land and sea interface: approach and application in Baltic case studies. Deutscher Kongress für Geographie. Kiel, 25.-30. September 2019.

Schumacher, J., Schernewski, G., Inácio, M., 2018. Ecosystem Service Assessment in German coastal and marine waters. WRHC 2018 - 9th Water Research Horizon Conference 2018. 03.07.2018

Schuster, A., 2016. Adsorption of Thorium-234 onto particles differing in surface area and surface quality, Ocean Sciences Meeting 2016, New Orleans, Louisiana, USA (21.-26. February 2016)

Thoms, F., Bartl, I., Gogina, M., Voss, M., 2016. Coastal nutrient cycling in the Vistula outflow area, Bay of Gdansk. ECSA 56 - Coastal systems in transition: From a 'natural' to an 'anthropogenically-modified' state. 4-7 September 2016, Bremen, Germany.

Thoms, F., Gogina, M., Janas, M., 2017. Muddy vs. Sandy- A new view on sedimentary nutrient fluxes by means of a Chamber Lander. BSSC 2017, 12-16 June 2017, Rostock, Germany.

Wölfel, J., Lipka, M., Rehder, G., 2015. Seasonal benthic gas and nutrient dynamics at different sediment water interface, Western Baltic Sea (Germany), 10th Baltic Sea Science Congress (BSSC 2015), Rīga, Latvia (15.-19. June 2015)

Wölfel, J., Rehder G., 2018. Innovative instrumentation - WaBOb- Warnemuende Benthic Observation Chamber. KÜNO-Workshop „Wechselwirkungen zwischen Ökosystem- und Sedimentdynamik“, KÜNO-Tagung 28.08.-29.8.2018 Hannover.

Zelený, J., Bac, D. K., Müller, F., et. al., 2018. Combining methods to estimate ecosystem service potentials for crop and fodder production in Schleswig Holstein, Germany. Jahrestagung der Internationalen Gesellschaft für Humanökologie, Lissabon.

Poster

Bicking, S., Müller, F., 2018. Assessing ecosystem services based upon statistical data and expert evaluation. Jahrestagung der Internationalen Gesellschaft für Humanökologie, Lissabon.

Bunke, D., Leipe, T., Moros, M., Arz, H.W., 2014. Subrecent sedimentation in western Baltic Sea basins, The 12th Colloquium on Baltic Sea Marine Geology (BALTIC 2014), Rostock-Warnemünde, Germany (08.-12. September 2014)

Cahill, B., Radtke, H., Neumann, 2017. The impact of sediment nutrient dynamics on coastal marine ecosystems. AMEMR - Advances in Marine Ecosystem Modelling Research, Plymouth, United Kingdom, 03.-06.07.2017

Cahill, B., Radtke, H., Neumann, T., Lipka, M., 2017: The impact of sediment nutrient dynamics on coastal marine ecosystems. BSSC 2017 - 11th Baltic Sea Science Congress 2017, Rostock, Germany, 12.-16.06.2017

Forster, S., Renz, J., 2014. Does burrow geometry govern solute exchange by *Marenzelleria*? 4th Nereis Park Conference 2014, Plymouth, UK (2014)

Forster, S., Renz, J., Morys, C., Powilleit, M., 2018. The potential of bioirrigation – an approach to capture macrofaunal induced solute transport at the sediment- water interface with an index. Ocean Science Meeting, Portland, Oregon USA.

Friedland, R., Grahl, X., Inacio, M., Neumann, T., Radtke, H., Schernewski, G., Siegel, H., 2015. Using Secchi Depth as water quality indicator of coastal waters, Baltic Sea Science Conference, Riga, Latvia (15.-19. June 2015)

Friedland, R., Schernewski, G., Neumann, T., 2015. Which water quality is reachable with the load reductions of the new BSAP? Science Campus Phosphorus Research Symposium, Warnemünde, Germany (02. March 2015)

- Friedland, R., Hirt, U., Mischke, U., Nausch, G., Neumann, T., Radtke, H., Schernewski, G., Venohr, M., Wasmund, N., 2013. Historical conditions as basis for WFD values – a combined method of integrated modeling and measurements, Baltic Sea Science Congress, Klaipeda, Lithuania (26.-30. August 2013)
- Gogina, M., Lipka, M., Woelfel, J., Liu, B., Böttcher, M.E., Rehder, G., Zettler, M.L., 2018. Field-evidenced relationships between benthic macrofauna and biogeochemistry in the south-western baltic sea. ASLO Summer meeting, 10-15 June 2018, Victoria, Canada.
- Gogina, M., Lipka, M., Woelfel, J., Liu, B., Böttcher, M.E., Rehder, G., Zettler, M.L., 2018. Field-evidenced relationships between benthic macrofauna and biogeochemistry in the south-western baltic sea. ASLO Summer meeting, 10-15 June 2018, Victoria, Canada. Abstract Number: 10292.
- Inácio, M., Kruse, M., Paysen, P., Schernewski, G., Müller, F., 2017. Ecosystem Services of the German Baltic Coast and Sea. KÜNO Jahrestagung. Rostock, 11.–12. Oktober 2017.
- Inacio, M., Schernewski, G., Nazamtseva, Y., 2017. Assessing marine ecosystem services using ecosystem services assessment tool. MSP2017 - 2nd International Conference on Marine/Maritime Spatial Planning.
- Kunz, F., Friedland, R., Hiller, A., Leipe, T., Naumann, M., Lipka, M., Böttcher, M.E., Schernewski, G., Bathmann, U., 2016. Phosphorus-related services of sediments in German coastal seas – Aspects of the SECOS project, 8th International Phosphorus Workshop (IPW8), Rostock, Germany (12.-16. September 2016)
- Kunz, F., Bathmann, U., 2016. The Service of Sediments in German Coastal Seas – Ökosystemleistungen und Bewertung der Ostseesedimente, Symposium of the Science Campus Phosphorus Research, Rostock, Germany (10. March 2016)
- Kunz, F., Hiller, A., Lipka, M.et.al., 2016. Phosphorus-related Services of Sediments in German Coastal Seas – Aspects of the SECOS Project. 8th International Phosphorus Workshop (IPW8) September 12–16, 2016 Rostock, Germany.
- Lipka, M., Liu, B., Wegwerth, A., Dellwig, O., Schoster, F., Böttcher, M.E., 2016. Fluxes and transformation rates in surface sediments of the Baltic Sea, Symposium of the ScienceCampus Phosphorus Research, Rostock, Germany (10. March 2016)
- Lipka, M., Liu, B., Wegwerth, A., Dellwig, O., Winde, V., Böttcher, M.E., 2015. Element transformation rates and fluxes across the sediment-water interface in the Baltic Sea: A stable isotope and modelling approach, Jahrestagung der Arbeitsgemeinschaft Stabile Isotope e.V., Heidelberg, Germany (28.-30. September 2015)
- Lipka, M., Liu, B., Wegwerth, A., Dellwig, O., Winde, V., Böttcher, M.E., 2015. Element transformation rates and fluxes across the sediment-water interface in the Baltic Sea, ECSA 55, 55th Conference of Estuarine Coastal Sciences Association, London, UK (06.-09. September 2015)
- Lipka, M., Liu, B., Wegwerth, A., Dellwig, O., Winde, V., Böttcher, M.E., 2015. Carbon transformation and the sources of dissolved inorganic carbon in sediments of a temperate coastal sea, the Baltic Sea: A stable isotope and modelling approach, European Geosciences Union General Assembly, Vienna, Austria (12.-17. April 2015)
- Lipka, M., Liu, B., Wegwerth, A., Dellwig, O., Winde, V., Al-Raei, A., Schoster, F., Böttcher, M.E., 2015. Element transformation rates and fluxes across the sediment-water interface of the Baltic Sea, 2015 ASLO Aquatic Sciences Meeting, Granada, Spain (22.-27. February 2015)
- Lipka, M., Liu, B., Wegwerth, A., Dellwig, O., Winde, V., Al-Raei, A., Schoster, F., Böttcher, M.E., 2015. Fluxes and transformation rates in surface sediments of the Baltic Sea, Science Campus Phosphorus Research, Rostock, Germany (10. February 2015)
- Lipka, M., Wegwerth, A., Dellwig, O., Al-Raei, A., Schoster, F., Böttcher, M.E., 2014. Element transformation rates and fluxes across the sediment-water interface of the Baltic Sea, BALTIC 2014, Warnemünde, Germany (September 2014)

- Lipka, M., Wegwerth, A., Dellwig, O., Al-Raei, A., Schoster, F., Böttcher, M.E., 2014. Element transformation rates and fluxes across the sediment-water interface of the Baltic Sea, EGU General Assembly, Vienna, Austria (27. April – 02. May 2014)
- Liu, B., Lipka, M., Böttcher, M.E., 2018. The C, O and S isotope distribution under different bed-forms of permeable sediment: A pumping and streamline segregation model. European Geosciences Union General Assembly (EGU 2018). Vienna, Austria, 08.04.2018 - 13.04.2018
- Liu, B., Lipka, M., Böttcher, M.E., 2018. The effect of transport processes in marine surface sediments on multi-isotope (C, S, O) dynamics: A modelling approach. European Geosciences Union General Assembly 2018 (EGU 2018). Vienna, Austria, 08.04.2018 - 13.04.2018
- MacKenzie B.R., Gogina, M., Zettler, M.L. 2017. Inter-annual and spatial variability in the abundance and distribution of a benthic trophic connectorcies, *Saduria entomon*, in the Baltic Sea. BONUS INSPIRE Symposium. 17-19 October 2017, Tallinn, Estonia.
- Morys, C., Graf, G., Forster, S., 2014. Variability of bioturbation intensity: a concept to explain geographic patterns, 4th Nereis Park Conference 2014, Plymouth, UK (2014)
- Morys, C., Steiner, N., Forster, S., Powilleit, M., Gogina, M., Zettler, M.L., Ysebaert, T., 2018. Trait-based explanation of bioturbation patterns along salinity gradients in contrasting environments. ASLO Summer meeting, 10-15 June 2018, Victoria, Canada.
- Radtke, H., Neumann, T., Friedland, R., 2015. Extending the ecosystem model ERGOM across the sediment-water interface, Baltic Sea Science Conference 2015 (BSSC 2015), Riga, Latvia (15.-19. June 2015)
- Renz, J., Forster, S., Powilleit, M., 2018. On the necessity of simplification when bioirrigation is treated as an ecosystem function. Baltic Sea Science Congress Rostock.
- Renz, J., Powilleit, M., Gogina, M., Zettler, M.L., Morys, C., Forster, S., 2018. BIPc, an index to quantify the potential for bioirrigation as ecosystem function. EGU General Assembly 2018, 8–13 April, Vienna, Austria.
- Renz, J.R., Powilleit, M., Gogina, M., Zettler, M.L., Morys, C., Forster, S., 2018. BIPc, an index to quantify the potential for bioirrigation as ecosystem function, Poster A.459 EGU2018 – 15772; EGU, Vienna, Austria.
- Salas, A., Herrmann, D., Maguzumova, G., Zamora, S., Bicking, S., Müller, F., 2019. Mapping of ecosystem services in the German Baltic coastal zone. Deutscher Kongress für Geographie. Kiel, 25.-30. September 2019.
- Schulz, K., Umlauf, L., 2015. Residual Transport of Suspended Sediment by Tidal Straining near Sloping Topography, Gordon Research Conference, Biddeford, Maine, USA (07.-12. June 2015)
- Schuster, A., 2016. Adsorption of Thorium-234 onto particles differing in surface area and surface quality, Ocean Sciences Meeting 2016, New Orleans, Louisiana, USA (21.-26. February 2016)