

**Marine Chemistry and Biochemistry Department –seminars 2025**  
**Wednesday, 9 a.m. (conference room)**

<b>date</b>	<b>speaker</b>	<b>title</b>
<b>05.02.2025</b>	<b>Grzegorz Siedlewicz/Ewa Kotlarska</b> (joint seminar with Genetics and Marine Biotechnology Dep.)	Standardized One Health surveillance of antibiotic residues and antibiotic and heavy metal resistance In Baltic water environments and wild birds - project introduction.
<b>12.02.2025</b>	<b>Beata Szymczycha</b>	The Baltic Sea nitrogen cycle – new findings, uncertainties and future changes
<b>19.02.2025</b>	<b>Ksenia Pazdro</b>	Pharmaceutical residues in the Baltic Sea Region- current knowledge
<b>26.02.2025</b>	<b>Magdalena Diak</b>	Introduction to Project DAINA: Nitrogen Gain and Loss in Changing Coastal Lagoon Ecosystems of the Baltic Sea (GLOB)
<b>05.03.2025</b>	<b>Agata Zaborska</b>	Concentrations of heavy metals in rivers discharging glacier meltwaters to Hornsund fjord
<b>12.03.2025</b>	<b>Karol Kuliński</b>	The carbon cycle as an integrating link for research in marginal seas
<b>19.03.2025</b>	<b>Katarzyna Koziorowska</b>	Transport of total alkalinity from Vistula River to the Baltic Sea – seasonal and interannual variability
<b>26.03.2025</b>	<b>Marta Cegłowska</b>	Aeruginosamides - a class of cyanobactins produced by cyanobacteria
<b>02.04.2025</b>	<b>Anna Mackiewicz</b>	Short term monitoring of the nitrogen fixation based on n <sub>2</sub> /ar method
<b>09.04.2025</b>	<b>Agnieszka Jędruch</b>	Impact of sediment resuspension on near-bottom mercury dynamics: Insights from a Baltic Sea experiment
<b>16.04.2025</b>	<b>Michał Czub</b>	Sea-dumped Chemical Warfare - ecological consequences for the Baltic Sea ecosystem
<b>23.04.2025</b>	<b>Pratha Sivasamy</b>	Sedimentary nitrogen removal processes across coastal, lagoon and open waters of the Baltic Sea
<b>30.04.2025</b>	<b>Fernando Aguado Gonzalo</b>	Using in-situ and satellite-derived data to estimate CO <sub>2</sub> outgassing to the atmosphere during upwelling events in the Gdansk Basin
	<b>Marcelina Ziółkowska</b>	Application of effect-based method (EBM) in monitoring and assessing pollution in the Baltic Sea
<b>07.05.2025</b>	<b>Aleksandra Winogradow</b>	Inorganic carbon in the Baltic Sea sediments
	<b>Anna Pouch</b>	Uncovering Unknown Threats: trail of organic contaminants from the plastisphere to benthic organisms in the Baltic Sea

<b>14.05.2025</b>	<b>Marta Szubska</b>	Dark mercury reduction by Natural Organic Matter in anaerobic conditions
<b>21.05.2025</b>	<b>Klaudia Kosek</b>	Concentrations and sources of PCBs and PAHs in glacial and riverine origin sediments from western Spitsbergen fjords
	<b>Jacek Bełdowski</b>	Sea-Dumped Chemical Munitions - updates on ongoing EU projects
<b>04.06.2025</b>	<b>Dominik Krzymiński/Artur Palacz</b>	BioEcoOcean & SEA-Quester - updates on ongoing EU projects
<b>11.06.2025</b>	<b>Dominik Narwojsz</b>	Total mercury concentration in water samples from Spitsbergen fjords
	<b>Ewa Korejwo</b>	Mercury accumulation in organisms from polar regions
<b>18.06.2025</b>	<b>Laura Bromboszcz-Szcypior</b>	Exploring the Carbon System of the Baltic Sea: Bridging Knowledge Gaps for Climate Insights
<b>25.06.2025</b>	<b>Reza Saghravani</b>	Clustering approaches reveal vertical geochemical stratification in Arctic fjord sediments