

Name	Ulrich Bathmann
Position	Professor
Affiliation	Leibniz Institute for Baltic Sea Research Warnemünde (IOW)
Higher education	<ul style="list-style-type: none"> • 2011 Professor in Earth System Sciences (2011) University Rostock • 2009- 2011 Head of Research Division Biosciences • 2001 Professor in Biological Oceanography, University Bremen • 1993 Habilitation, University Bremen • 1986 Dissertation Dr. rer. nat., CAU Kiel • 1984 Graduation Diploma in Biology, CAU Kiel
Academic career	<ul style="list-style-type: none"> • Since 2012 Member of the Leibniz Präsidium, Berlin • Since 2011 Director of the Leibniz Institute for Baltic Research, Warnemünde (IOW) • 2009-2011 TOPIC-1 Speaker in the research PACES • 2000-2009 Head of Research Advisory Board, AWI • 2009-2011 Head of Research Division Biosciences • 2001 -2011 Professor Bremen University • 2000 -2011 Head of Department Polar Biological Oceanography • 1990-2011 Senior Scientist at AWI • 1989-1990 PostDoc with Prof. Smetacek, AWI • 1986-1989 PostDoc in the special research project “Sedimentation in the European Polar Sea“ (SFB 313) at CAU, Kiel Biosciences Polar Biological Oceanography, AWI
Teaching activities	<ul style="list-style-type: none"> • Since 2012 General and special lectures, seminars and practical’s at Rostock University, e.g. Introduction in Marine research, methods in planktology, structure und function of pelagic ecosystems, ocean carbon cycle, production and sedimentation of plankton on master and bachelor level; advice for PhD students • 1990 - 2011 General and special lectures, seminars and practical’s at Bremen University, e.g. Introduction in Marine research, methods in planktology, structure und function of pelagic ecosystems, ocean carbon cycle, production and sedimentation of plankton, scientific writing, scientific seminars, practical at sea • 2004, 2005, 2008, 2010 Advanced course plankton ecology, biogeochemical cycles and biological modelling. POMOR intern. studies at University St. Petersburg. • Each year 1991 - 2011 Each year I graduate about 4 master and 3 PhD students Since 2011: each year 2 master and 1 PhD student

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Research and development projects during the past 5 years	Research programme of IOW 2013-2023 SECOS research programme within sustainable research on coastal ecosystems in Germany Leibniz-University Research Campus on Phosphorus
Activities in scientific organizations and associations during the past 5 years	<ul style="list-style-type: none"> • 2007-2011 HGF working group – promoting young investigators groups • Since 2012 Board of directors, KDM (German Marine Research Consortium) • Since 2013 Chair of KDM (German Marine Research Consortium) • Since 2012 Scientific advisor for building r/v POLARSTERN II • Since 2009 Scientific steering committee of the European programme EUR-OCEANS • Since 2012 Management board of the Interdisciplinary Faculty of Marine Systems at Rostock University;
Significant publications during the past 5 years	Selected publications from overall total of 124 Thiede, J., D. Aksnes, U. Bathmann, M. Betti, F. Boero, G. Boxshall, P. Cury, M. Dowell, R. Emmerson, M. Estrada, M. Fine, A. Grigelis, P. Herman, G. Herndl, J. Kuparinen, J. T. Martinsohn, O. Prášil, R. Serrão Santos, T. Soomere and C. Synolakis (2016). Marine sustainability in an age of changing oceans and seas. Brussels: European Union and European Academies' Science Advisory Council. 56 S. (EASAC policy report 28), 978-92-79-46139-2, doi: 10.2760/787712 – open access– Kruse, S., E. A. Pakhomov, B. P. V. Hunt, Y. Chikaraishi, N. O. Ogawa and U. Bathmann (2015). Uncovering the trophic relationship between <i>Themisto gaudichaudii</i> and <i>Salpa thompsoni</i> in the Antarctic Polar Frontal Zone. <i>Mar. Ecol. Prog. Ser.</i> 529: 63-74, doi: 10.3354/meps11288 Flores, H., B. P. V. Hunt, S. Kruse, E. A. Pakhomov, V. Siegel, J. A. van Franeker, V. Strass, A. P. Van de Putte, E. H. W. G. Meesters and U. Bathmann (2014). Seasonal changes in the vertical distribution and community structure of Antarctic macrozooplankton and micronekton. <i>Deep-sea res. Pt. 1.</i> 84: 127-141, doi:10.1016/j.dsr.2013.11.001 Metfies, K., A. Nicolaus, L. v. Harbou, U. Bathmann and I. Peeken (2014). Molecular analyses of gut contents : elucidating the feeding of co-occurring salps in the Lazarev Sea from a different perspective. <i>Antarct. sci.</i> 26: 545-553, doi:doi:10.1017/S0954102014000157 Assmy, P., V. Smetacek, M. Montresor, C. Klaas, J. Henjes, V. H. Strass, J. M. Arrieta, U. Bathmann, G. M. Berg, E. Breitbarth, B. Cisewski, L. Friedrichs, N. Fuchs, G. J. Herndl, S. Jansen, S. Krägefsky, M. Latasa, I. Peeken, R. Röttgers, R. Scharek, S. E. Schüller, S. Steigenberger, A. Webb and D. Wolf-Gladrow (2013). Thick-shelled, grazer-protected diatoms decouple ocean carbon and silicon cycles in the iron-limited Antarctic Circumpolar Current. <i>Proc. Nat. Acad. Sci. U.S.A.</i> 110: 20633-20638, doi:10.1073/pnas.1309345110 –open access– Kraft, A., E. Bauerfeind, E.-M. Nöthig, M. Klages, A. Beszczynska-Möller and U. V. Bathmann (2013). Amphipods in sediment traps of the eastern Fram Strait with focus on the life-history of the lysianassoid <i>Cyclocaris guilelmi</i> . <i>Deep-sea res. Pt. 1.</i> 73: 62-72, doi:10.1016/j.dsr.2012.11.012

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	<p>Victor Smetacek, Christine Klaas, Volker H. Strass, Philipp Assmy, Marina Montresor, Boris Cisewski¹, Nicolas Savoye, Adrian Webb, Francesco d'Ovidio, Jesús M. Arrieta, Ulrich Bathmann, et al. (2012). Deep carbon export from a Southern Ocean iron-fertilized phytoplankton bloom . <i>Nature</i> 487: 313-319</p> <p>Böttcher, D., Morales, C.E., Bathmann, U., 2010: Trophic role of small cyclopoid copepod nauplii in the microbial food web: a case study in the coastal upwelling system off central Chile. <i>Marine Biology</i>, 157, 689-705</p> <p>Kruse, S., Hagen, W., Bathmann, U., 2010: Feeding ecology and energetics of the Antarctic chaetognaths <i>Eukrohnia hamata</i>, <i>E. bathypelagica</i> and <i>E. Bathyantartica</i>. <i>Marine Biology</i>, 157: 2289-2302</p>