

<b>Name</b>	<b>Dieter Piepenburg</b>
<b>Position</b>	Senior scientist
<b>Affiliation</b>	Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research)
<b>Higher education</b>	<ul style="list-style-type: none"> <li>• <b>2006</b> Adjunct Professor of Kiel University</li> <li>• <b>1997</b> Habilitation in Biological Oceanography, Kiel University</li> <li>• <b>1988</b> PhD in Marine Biology, Kiel University</li> <li>• <b>1984</b> Diploma (MSc), Institute of Marine Research (IFM Kiel), Kiel University</li> </ul>
<b>Academic career</b>	<ul style="list-style-type: none"> <li>• <b>2014 to present</b> Senior scientist at the Alfred Wegener Institute (AWI) Bremerhaven</li> <li>• <b>2006 to present</b> Adjunct Professor at the Institute for Polar Ecology, Kiel University</li> <li>• <b>2002-2006</b> Lecturer at the Institute for Polar Ecology, Kiel University</li> <li>• <b>1991-2002</b> Assistant Professor, Institute for Polar Ecology, Kiel University</li> <li>• <b>1988-1991</b> Post-Doc, Geological Institute, Kiel University</li> <li>• <b>1984-1988</b> PhD student, Institute for Polar Ecology, Kiel University</li> </ul>
<b>Teaching activities</b>	<ul style="list-style-type: none"> <li>• <b>Since 2010</b> B.Sc. course (lecture + seminar) "Einführung in die Polarbiologie", Kiel University</li> <li>• <b>Since 2010</b> M.Sc. course (lecture + seminar) "Advanced course in Polar Ecology", Kiel University</li> <li>• <b>Since 2008</b> Invited Lecturer, POMOR, Saint Petersburg State University, Saint Petersburg, Russia</li> </ul>
<b>Research and development projects during the past 5 years</b>	<ul style="list-style-type: none"> <li>• <b>Since 2017</b> "Roadmap to Stakeholder-oriented Biodiversity Warehousing: Arctic Benthos (RoStBiW)", funded by Helmholtz "Earth System Knowledge Platform" (ESKP)</li> <li>• <b>Since 2017</b> Russian-German Collaborative Project "The Changing Arctic Transpolar System" (CATS), funded by BMBF</li> <li>• <b>2013 to 2016</b> Russian-German Collaborative Project "The Transpolar System of the Arctic Ocean" (Transdrift), funded by BMBF</li> <li>• <b>Since 2007</b> Cluster of Excellence "The Future Ocean", Kiel, funded by DFG</li> <li>• <b>2002 to 2014</b> Long-term research project "Frühwarnsysteme für globale Umweltveränderungen und ihre Dokumentation in natürlichen Klimaarchiven" of Mainz Academy of Sciences, Humanities and Literature</li> </ul>
<b>Activities in scientific organizations and associations during the</b>	<ul style="list-style-type: none"> <li>• <b>Since 2016</b> German observer of the Marine Working Group of the "Circumpolar Biodiversity Monitoring Programme" of the Arctic Council's Working Group</li> </ul>

Name	Dieter Piepenburg
<p><b>past 5 years</b> <b>Memberships without any function are not needed</b></p>	<p>"Conservation of Arctic Flora and Fauna" (CAFF)</p> <ul style="list-style-type: none"> <li>• <b>Since 2015</b> German observer in the Arctic Council's Working Group "Protection of the Arctic Marine Environment" (PAME)</li> <li>• <b>Since 2011</b> Series Editor of the Springer book series <i>Advances in Polar Ecology</i></li> <li>• <b>Since 2010</b> German member of the "International Science Initiative in the Russian Arctic" (ISIRA), a cooperative initiative of the "International Arctic Science Committee" (IASC)</li> <li>• <b>Since 2008</b> Chief Editor of the international scientific journal <i>Polar Biology</i></li> </ul>
<p><b>Significant publications during the past 5 years</b></p>	<p>Selected publications from overall 59:</p> <ul style="list-style-type: none"> <li>• Piepenburg D, Buschmann A, Driemel A, Grobe H, Gutt J, Schumacher S, Segelken-Voigt A, Sieger R (2017) <i>Seabed images from Southern Ocean shelf regions off the northern Antarctic Peninsula and in the southeastern Weddell Sea</i>. Earth System Science Data Discussions. doi: 10.5194/essd-2017-18</li> <li>• Segelken-Voigt A, Bracher A, Dorschel B, Gutt J, Huneke W, Link H, Piepenburg D (2016) <i>Spatial distribution patterns of ascidians (Ascidacea: Tunicata) on the continental shelves off the northern Antarctic Peninsula</i>. Polar Biology 39:863-878. doi: 10.1007/s00300-016-1909-y</li> <li>• Sswat M, Gulliksen B, Menn I, Sweetman AK, Piepenburg D (2015) <i>Distribution and composition of the epibenthic megafauna north of Svalbard (Arctic)</i>. Polar Biology 38:861-877. doi: 10.1007/s00300-015-1645-8</li> <li>• Dorschel B, Gutt J, Piepenburg D, Schröder M, Arndt JE (2014) <i>The influence of the geomorphological and sedimentological settings on the distribution of epibenthic assemblages on a flat-topped hill on the over-deepened shelf of the western Weddell Sea (Southern Ocean)</i>. Biogeosciences 11:3797-3817. doi: 10.5194/bg-11-3797-2014</li> <li>• Link H, Piepenburg D, Archambault P (2013) <i>Are hotspots always hotspots? The relationship between diversity, resource and ecosystem functions in the Arctic</i>. PLOS ONE 8:e74077. doi: 10.1371/journal.pone.0074077</li> <li>• Link H, Chaillou G, Forest A, Piepenburg D, Archambault P (2013) <i>Multivariate benthic ecosystem functioning in the Arctic – benthic fluxes explained by environmental parameters in the southeastern Beaufort Sea</i>. Biogeosciences 10:5911–5925. doi: 10.5194/bg-10-5911-2013</li> <li>• Brown TA, Belt ST, Piepenburg D (2012) <i>Evidence for a pan-Arctic sea-ice diatom diet in Strongylocentrotus spp.</i> Polar Biology 35:1281-1287. doi:10.1007/s00300-012-1164-9</li> <li>• Piepenburg D, Bölter M (2012) <i>Polar Regions</i>. In: Gibson D (ed) <i>Oxford Bibliographies in Ecology</i>. Oxford University Press, New York. Launch May 2012. doi: 10.1093/OBO/9780199830060-0060</li> <li>• Piepenburg, D., Archambault, P., Ambrose, W., Blanchard, A., Bluhm, B., Carroll, M., Conlan, K., Cusson, M., Feder, H., Grebmeier, J., Jewett, S., Lévesque, M., Petryashev, V., Sejr, M., Sirenko, B., Wlodarska-Kowalczyk, M., 2011: <i>Towards a pan-Arctic inventory of the species diversity of the macro- and megabenthic fauna of the Arctic shelf seas</i>. Marine Biodiversity, 41, 57-70</li> </ul>