

Name	Heidemarie Kassens
Position	Senior Research Scientist and Head of the Working Group "Siberian Arctic", GEOMAR, Kiel; Director of the Otto Schmidt Laboratory for Polar and Marine Research, St. Petersburg, Russia
Affiliation	GEOMAR Helmholtz Centre for Ocean Research Kiel
Higher education	<ul style="list-style-type: none"> • 1986 - 1990 PhD in Marine Geology, Christian Albrechts University Kiel, Germany 1985 Marine Geology, Christian Albrechts University Kiel, Germany; Diploma • 1980 - 1985 Geology / Paleontology, Christian Albrechts University Kiel, Germany • 1977 - 1980 Geology / Paleontology Freie Universität Berlin, Germany
Teaching activities	Saint Petersburg State University Master Program POMOR Soft skills
Research and development projects during the past 5 years	<ul style="list-style-type: none"> • 2017-2020 The Changing Arctic Transpolar System (BMBF) • 2013-2017 Transdrift (BMBF) • 2010-2012 Polynya (BMBF) • since 2001 M.Sc. Polar and Marine Sciences POMOR (BMBF, DAAD, GEOMAR, AWI, Universities St. Petersburg, Bremen, Kiel, Hamburg, Potsdam) • since 1999 Otto Schmidt Laboratory for Polar and Marine Research (BMBF)
Significant publications during the past 5 years	<p>Selected publications from overall more than 150</p> <p>Janout, M., Hölemann, J., Juhls, B., Krumpfen, T., Rabe, B., Bauch, D., Wegner, C., Kassens, H. und Timokhov, L. (2016) Episodic warming of near-bottom waters under the Arctic sea ice on the central Laptev Sea shelf Geophysical Research Letters, 43 (1). pp. 264-272. doi: 10.1002/2015GL066565.</p> <p>Rekant, P., Bauch, H. A., Schwenk, T., Portnov, A., Gusev, E., Spiess, V., Cherkashov, G. und Kassens, H. (2015) Evolution of subsea permafrost landscapes in Arctic Siberia since the Late Pleistocene: a synoptic insight from acoustic data of the Laptev Sea Arktos, 1 (1). Artikel 11. doi: 10.1007/s41063-015-0011-y</p> <p>Timokhov, L. A., Polyakov, I. V., Frolov, I. E., Kassens, H., Karpuy, V. Y. und Lebedev, N. V. (2015) Climate variability of the freshwater content in the Arctic Ocean and its causes Problems of the Arctic and Antarctic (in Russian), 106 (4). pp. 64-76 (in Russian)</p>
Activities in scientific organizations and associations during the	<ul style="list-style-type: none"> • since 1999 German Director, Otto Schmidt Laboratory for Polar and Marine Research, St. Petersburg, since 1999

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past 5 years	<ul style="list-style-type: none"> • 2010-2015 Vice Chair, Wissenschaftlicher Beirat der Deutschen Gesellschaft für Polarforschung • 2010-2015 Chair, Wissenschaftlicher Beirat der Deutschen Gesellschaft für Polarforschung • since 2016 Vice Chair, IASC Marine Working Group • since 2000 Member, German National SCAR/IASC Committee • 2010-2016 Representative of the German Research Foundation in the European Polar Board • since 2014 Member of the Advisory Board RV POLARSTERN
Awards	<ul style="list-style-type: none"> • 2016 Order of Merit of the Federal Republic of Germany • 2009 Certificate of honor, Federal Service for Hydrometeorology and Environmental Monitoring, Russian Ministry for Ressources and Ecology • 2009 Certificate of honor, Federal Agency for Sciences and Innovation, Russian Ministry for Science and Education • 2005 K.E.R.N. Award for Marine Technology 2005 • 2005 Medal of honor, Saint Petersburg State University