

PROF. DR. KARIN LOCHTE

Member of the Executive Board of the German Marine Research Alliance DAM

Scientific Advisory Board des Swiss Polar Institute (Co-Vorsitzende)

Excellence, Impact and Engagement Committee des Ocean Frontiers Institute, Halifax, Canada

National Environment Research Council (NERC), UK

Education and degrees

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| 1994 | Habilitation in Marine Biology/Aquatic Microbiology at the University of Bremen, Germany, "Microbial degradation of organic matter in the benthic boundary layer of the deep sea" |
| 1984 | PhD in Marine Biology "Microbiological observations at sea water discontinuities" |
| 1979 | Master of Science in Marine Biology |
| 1977 – 1984 | Marine Science Laboratories Menai Bridge
University College of North Wales, Bangor, UK
Study of Marine Biology |
| 1976 | State Exam for High School Teacher in Biology, Chemistry |
| 1971 – 1976 | Technical University Hannover, Germany
Study of Biology, Chemistry, Philosophy |
| 1971 | University-Entrance Diploma |
| 1959 – 1971 | School education in Hannover, Germany |

Professional experience

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| 2007 – 2017 | Director of the Alfred Wegener Institute Helmholtz-Centre for Polar and Marine Research |
| 2000 – 2007 | Leibniz Institute for Marine Research (later GEOMAR), Kiel
Head of research unit Biological Oceanography
Professor at University of Kiel for Biological Oceanography
Field of research: Carbon fixation, nitrogen fixation and microbial remineralisation processes in the water column |
| 1995 – 2000 | Institute for Baltic Sea Research Warnemünde, Rostock
Head of department Biological Oceanography |

Professor at the University of Rostock for Biological Oceanography and Marine Microbiology
Field of research: Pelagic bacterial processes, nitrogen fixation

1990 – 1994 Research scientist at the Alfred Wegener Institute, Bremerhaven
Research: Microbial turnover of organic matter in sea ice, water and sediment

1985 – 1990 PostDoc at the Leibniz Institute for Marine Research, University of Kiel
Research: Microbial turnover of organic carbon in deep sea sediments

Member of International Committees

International Committees

1995 – 2001 Scientific Steering Committee of Joint Global Ocean Flux Studies (JGOFS)

1998 – 2004 Scientific Advisory Committee of the Royal Netherlands Institute for Sea Research (NIOZ), Texel

2001 – 2006 Scientific Committee of the International Geosphere-Biosphere Programme (IGBP), vice-chair

2006 – 2011 European Marine Board

2008 – 2017 European Polar Board (Executive Committee)

2008 – 2018 German Delegate of Scientific Committee on Antarctic Research (SCAR), 2012 – present Vice-President

2010 – 2017 International Arctic Science Committee (IASC, Council Member)

2014 – 2017 European Climate Research Alliance (ECRA), chair

2017 – 2019 Scientific Advisory Board of the Arctic Science Centre, Finland (chair)

2018 – present Scientific Advisory Board of the Swiss Polar Institute (co-chair)

2018 – present Excellence, Impact and Engagement Committee of the Ocean Frontiers Institute, Halifax, Canada

2018 – present National Environment Research Council (NERC), UK

National Committees

1995 – 2011 Senate Commission of the German Research Council (DFG) for Oceanography, chair 2004 – 2011

1998 – 2006 Scientific Advisory Board of the Institute Chemistry and Biology of the Sea (ICBM), University Oldenburg; chair 2003 – 2006

1999 – 2003 Scientific Advisory Board of the Alfred Wegener Institute for Polar and Marine Research (AWI), Bremerhaven

2000 – 2005 National Committee for Global Change Research, co-chair

2002 – 2008 Jury of the Science Prize of the Leibniz Association “Society needs Science”

2002 – 2005 Scientific Advisory Committee of the Potsdam Institute for Climate Impact Research (PIK)

2004 – 2005 DFG Review Board 313 „Atmospheric and Marine Research“

2004 – 2010 German Council of Science and Humanities (Wissenschaftsrat), chair of the Scientific Commission 2006 – 2008

2005 – 2010 Granting Commission of the German Excellence Initiative

2006 – 2013 Scientific Advisory Board, Max-Planck Institute for Marine Microbiology

2007 – present Board of Governors, Jacobs University (JUB), chair 2008 – 2015

2009 – 2010 Vice president of the Helmholtz Association of German Research Centres, coordinator of the research field Earth and Environment

2010 – 2015 Scientific Commission of Lower Saxony (WKN), chair

2010 – 2019 German Marine Research Consortium (Konsortium Deutsche Meeresforschung KDM), chair 2011 – 2015

2010 – present Board of Trustees of the Federal Institute for Geosciences and Natural Resources (Bundesanstalt für Geowissenschaften und Rohstoffe BGR)

2011 – present	General Assembly of the Institute for Advanced Sustainability Studies (IASS), chair 2015 – present
2013 – present	Senate of Leibniz Association
2017 – present	Advisory Board of Christian-Albrechts-University, Kiel (CAU)
2018 – present	Advisory Board Forschungsverbund Berlin
2018 – present	Advisory Board University Oldenburg
2018 – present	Advisory Board Technical University Dortmund

Awards and Memberships of Academies

1977 – 1979	DAAD grant
1978 – 1981	Studentship of the University of Wales
1981 – 1983	Studentship of the Studienstiftung des deutschen Volkes
1994	Award by Bertha Benz Lecture
2010	Deutsche Bank – IFM-GEOMAR Meeresforschungspreis 2010
2012	Honorary doctorate - Faculty of Mathematics and Science of University Oldenburg
2017	Federal Cross of Merit of the Federal Government of Germany
2019	Honorary Fellowship University of Bangor, UK
2005 – present	Academy of Sciences in Hamburg
2010 – present	German Academy of Science and Engineering