



Curriculum Vitae Prof. Dr. Antje Boetius



Name: Antje Boetius

Born: 5 March 1967

Major scientific interests: Deep-Sea Ecology, Microbial Biodiversity

Academic and Professional Career

- since 2017 Director of the Alfred Wegener Institute, Helmholtz Zentrum für Polar und Meeresforschung
- since 2009 Professor of Geomicrobiology, University of Bremen, and Leader of the HGF-MPG Research Group on Deep Sea Ecology and Technology
- 2008 Full Professor for Microbiology, Jacobs University Bremen
- 2003 - 2008 Associate Professor of Microbiology, Jacobs University Bremen
- 2001 - 2003 Assistant Professor of Microbiology, International University Bremen
- 1993 - 1996 Doctorate in Biology, University of Bremen
- 1986 - 1992 Diploma in Biology, University of Hamburg

Functions in Scientific Societies and Committees (Selection)

- since 2014 Chair of the Steering Committee of Wissenschaft im Dialog (WiD)
- since 2015 Member, Senate of the German Research Foundation (DFG)
- 2014 - 2016 Chair of the Scientific Commission, Science Council of Germany (Wissenschaftsrat)

- since 2014 Member, Senate of the Leibniz Association
- since 2012 Vice Director of the MARUM Cluster of Excellence, University of Bremen
- 2010 - 2016 Member, Scientific Commission, Science Council of Germany
(Wissenschaftsrat)

Project coordination, Membership in collaborative research projects (Selection)

- 2015 - 2019 7FP EU project AtlantOS ocean observation
- 2015 - 2017 JPI Oceans Ecological Aspects of Deep Sea Mining
- 2014 - 2020 FRAM Frontiers in Arctic Marine Monitoring – HGF Research Infrastructure
- 2012 - 2017 ERC Advanced Grant – ABYSS (Assessment of Bacterial Life and Matter Cycling in Deep-Sea Surface Sediments)

Honours and Awarded Memberships (Selection)

- 2019 Robert L. and Bettie P. Cody Award
- 2018 Deutscher Umweltpreis
- 2018 Communicator Award, Deutsche Forschungsgemeinschaft (DFG, German Research Foundation)
- 2017 Copernicus Medal
- 2017 Carl Friedrich Gauß Medal
- since 2016 Member of the European Academy of Sciences
- since 2014 Hector Fellowship
- 2014 Hector Wissenschaftspreis
- 2013 International Ecology Institute Prize (ECI)
- since 2011 Elected Member of the Academy of Sciences and Literature Mainz
- since 2010 External Scientific Member of the Max Planck Society
- since 2009 Member of the National Academy of Sciences Leopoldina
- 2009 Distinguished Professor, Jacobs University
- 2009 Gottfried-Wilhelm-Leibniz Prize of the DFG
- 2007 Teaching Award MARMIC
- 2006 Teaching Award MARMIC

2006 Medaille de la Société d’Oceanographie de France

2005 Teaching Award MARMIC

Major Scientific Interests

Deep-Sea Ecology, Pelago-benthic coupling in Polar Seas, Methane biogeochemistry, Ecology of chemosynthetic and extreme environments, Microbial biodiversity, Microbial processes of early diagenesis in deep-sea sediments, Effects of pressure and temperature on microbial processes