

Personal Data

Name: Christian Günter Beer

Born: 7 Apr 1977, Berlin

Nationality: German

Legal status: married, 3 children (2007, 2010, 2014)

Webpage: www.christianbeer.net

ResearcherID: <http://www.researcherid.com/rid/D-2296-2013>

Education & academic career

- Docent in Environmental Science, Faculty of Science, Stockholm University, Sweden, 2015
- Associate Professor in Climate-related Biogeochemical Modeling, research group leader, Department of Environmental Science and Analytical Chemistry, Stockholm University, Sweden, 2013-
- Research group leader, Department of Biogeochemical Integration, Max Planck Institute for Biogeochemistry, Jena, Germany, 2012-2013
- Research Scientist, Biogeochemical Model-Data Integration Group, Max Planck Institute for Biogeochemistry, Jena, Germany, 2006-2012
- Post-Doc, Laboratoire des Sciences du Climat et de L'Environnement (LSCE), Gif-sur-Yvette, France, 2005-2006
- Dr. rer. nat., Faculty of Chemistry and Earth Sciences, Friedrich Schiller University Jena, Germany, 2005
- First state exam (Chemistry, Mathematics, Pedagogics), University Jena, Germany, 2002
- Civil Service, 1996-1997
- Abitur, 1996

Publication and presentation summary (2006-2017)

- 45 peer-reviewed articles; 9 articles in Science, Nature, Nature Communications, Proc. Natl. Acad. Sci. U.S.A., and Geophysical Research Letters; Total number of citations > 2300/3700; h-factor: 22/25 (ISI Web of Science/Google Scholar)
- First author: In total 9 (>800 citations); 1 in Science and 2 in Geophysical Research Letters
- Main PhD supervisor: 8 articles (>130 citations)
- 11 invited talks at international conferences and workshops

Projects (funding available >800 kEUR)

- Vetenskapsrådet (VR) project "Spatial pattern of NPP", 215 kEUR, 2015-2017
- BMBF CP Carbo-Perm Subproject 6 "Arctic Modeling", 310 / 500 kEUR, www.carboperm.de, 2013-2016
- EU FP7 PAGE21, 175 kEUR, Permafrost soil modeling, www.page21.org, 2011-2015
- EU FP7 Marie Curie International Training Network GreenCycles-II, 57 kEUR, www.greencycles.org, 2010-2012
- ESA STSE BIOMASAR-II, 40 kEUR, www.biomasar.org, 2010-2012
- EU FP7 Carbo-Extreme, WP lead, www.carbo-extreme.eu, 2009-2013
- EU FP7 COMBINE, <http://www.combine-project.eu>

Research leadership

- Group leader, 2012-
- Leader of Research Area 4 „Biogeochemical cycles and climate“, Bolin Centre for Climate Research, Stockholm University (<http://bolin.su.se/>), 2013-
- Board member: Executive committee, Department of Environmental Science and Analytical Chemistry, Stockholm University, 2015-; Scientific Advisory Board, Bolin Centre for Climate Research, Stockholm University, 2013-; Scientific Advisory Board, EU FP7 project Carbo-Extreme, 2009-2013
- Scientific work package leader: EU FP7 Carbo-Extreme, 2009-2013; ESA STSE BIOMASAR-II, 2010-2012
- Organization of three international workshops and 2 sessions at EGU General Assembly, 2008-
- Main supervisor for 4 Ph.D. theses (Maarten Braakhekke, 2014; Altug Ekici, 2015; Martin Thurner, 2016; Sonja Kaiser, ongoing), 1 M.Sc. thesis (Sumalika Biswas, 2009) and 1 B.Sc. thesis (Kertsin Traut, 2009)
- Research leadership training: Course “Supervision of Research”, Department of Higher Education, Stockholm University, 2013

Positions of trust

- Manuscript reviewer (selection): Biogeochemistry, Biogeosciences, Cold Regions Science and Technology, Environmental Research Letters, Geophysical Research Letters, Global Biogeochemical Cycles, Global Change Biology, Global Ecology and Biogeography, International Journal of Climatology, Journal of Geophysical Research-Biogeochemistry, Nature, Nature Geoscience, Nature Climate Change, Nature Plants, Remote Sensing of Environment, Science Advances, Tellus B
- Grant proposal reviewer: ERC (Advanced Grants Review Panel, Consolidator Grants Review Panel), US National Science Foundation (NSF), Netherlands Organisation for Scientific Research (NWO), Natural Environment Research Council (NERC), UK; Invitation to Nordforsk (Norway) review panel, 2014; Invitation to NSF (USA) review panel, 2013
- Member in 11 Ph.D. defense committees in Germany, Switzerland, Netherlands, Sweden, 2014-

Teaching

- Bachelor Course 7.5hp „Environmental Science II – Introduction to Modeling in Environmental Science“, course responsible, Stockholm University, Sweden (lectures and case studies), 2017-
- Bachelor course “Introduction to Applied Environmental Science“, Stockholm University, Sweden (contributing a block about modeling, lectures), 2013-
- Master course “Permafrost – Effects on ecosystems and hydrology“, Stockholm University, Sweden (contributing a block about ecosystem functions and modeling, lectures and seminar), 2013-
- Lecture „Response of soil [carbon] processes to change in moisture and temperature“, Module Soil, soil biology & soil hydrology, International Max Planck Research School for Global Biogeochemical Cycles, Jena, Germany, 2011
- Master course „Skript-basierte Extrapolation von Ökosysteminformationen mit MATLAB in Beispielen“, course responsible, Faculty of Chemistry and Earth Sciences, University Jena, Germany, 2009, 2011

Media and stakeholders

- Contribution to a public consultation on streamlining EU funding in the European Arctic, 2014
- Speaker at American Association for the Advancement of Science (AAAS) press conference, Italy, 2010-07-05
- Contribution to press releases (2010, 2014) and consulting journalists (2010-)
- Press review (selection): The Irish Times, 2010-07-06; Süddeutsche Zeitung, 2010-07-06; Frankfurter Allgemeine Zeitung, 2010-07-07; Berliner Zeitung, 2010-07-07; Spektrum der Wissenschaft, 2010-09-23