

## Curriculum vitae of Prof. Dr. Nicolas Brüggemann

Nationality: German  
Address: Forschungszentrum Jülich  
Institute for Bio- and Geosciences  
Agrosphere (IBG-3)  
52425 Jülich, Germany  
Phone: +49(0)2461-61-8643  
E-mail: n.brueggemann@fz-juelich.de

### Academic education and degree

10/1996 – 08/1997 Chemistry, University of Hannover, Diploma in Chemistry  
09/1995 – 05/1996 Chemistry, Stanford University, USA  
10/1991 – 08/1995 Chemistry, University of Hannover

### Scientific degrees

Doctoral degree Forest and Environmental Sciences, University of Freiburg, 2001  
Diploma Chemistry, University of Hannover, 1997

### Career since final degree

since 09/2010 Group leader (Terrestrial Biogeochemistry), Forschungszentrum Jülich GmbH,  
Institute of Bio- and Geosciences, Agrosphere Institute (IBG-3)  
since 09/2010 Professor (W 2) for Terrestrial Biogeochemistry, University of Bonn  
09/2004 – 08/2010 Group leader (Center of Stable Isotopes), Karlsruhe Institute of Technology,  
IMK-IFU, Garmisch-Partenkirchen  
11/2007 Visiting Scientist, University of Melbourne  
09/2001 – 08/2004 Postdoctoral Researcher, Forschungszentrum Karlsruhe/Fraunhofer Institut für  
Atmosphärische Umweltforschung, (IMK-)IFU, Garmisch-Partenkirchen  
11/1997 – 08/2001 Research Assistant (PhD candidate), Fraunhofer Institut für Atmosphärische  
Umweltforschung, IFU, Garmisch-Partenkirchen

### Scientific awards and honors

2013 Erwin Schrödinger Award of the Stifterverband für die Deutsche Wissenschaft  
2005 Attendee of the 55th Meeting of the Nobel Prize Winners in Lindau  
2002 Award for the best doctoral thesis of the last 3 years at IMK-IFU  
1995 - 1996 Scholarship of the German Academic Exchange Service (DAAD)  
1994 - 1997 Scholarship of the German National Academic Foundation (Studienstiftung)

### Other

2015 - 2017 Speaker of the DKN Future Earth Working Group “Sustainable intensification  
in agriculture”  
2014 - 2016 Member of the Scientific Advisory Board of the project FACE2FACE, funded  
by the Federal State of Hesse, Germany  
2012 - 2017 Member of the Senate Commission on Agroecosystem Research of the  
German Research Foundation (DFG)  
2011 - Member of the Editorial Board of Nutrient Cycling in Agroecosystems

2005 - 2010	Lecturer at the University of Freiburg, Faculty of Forest and Environmental Sciences
2004 - 2010	Member of the scientific steering committee of IMK-IFU, Karlsruhe Institute of Technology
2004 - 2010	Member of the scientific steering committee of the Institute for Meteorology and Climate Research (IMK), Karlsruhe Institute of Technology
Continuously	Reviewer for funding agencies: German Research Foundation (DFG), Belgian Research Foundation (F.R.S.-FRNS), Danish Council for Independent Research (DFF), Israel Science Foundation (ISF), Swiss National Science Foundation (SNF)
Continuously	Reviewer for 40+ scientific journals

### Selected projects

2018 – 2021	IN3-ClimEtSan Networking Project “Climate resilient urbanisation: Ecological urban agriculture as a design element of climate-resilient cities”, German Federal Ministry of Education and Research (BMBF), Coordinator and PI
2018 – 2021	VitiSoil “Sensor utilization in viticulture with minimized CO <sub>2</sub> footprint and fungus-resistant cultivars”, German Federal Ministry of Food and Agriculture (BMEL), PI
2017 – 2021	ClimEtSan “Capacity building in climate-smart agriculture and ecological sanitation in Ethiopia”, German Federal Ministry of Education and Research (BMBF) and German Academic Exchange Service (DAAD), Coordinator and PI
2015 – 2021	BonaRes INPLAMINT “Increasing agricultural nutrient-use efficiency by optimizing plant-soil-microorganism interactions”, German Federal Ministry of Education and Research (BMBF), Coordinator and PI
2014 – 2017	DeltAdapt “Sustainable adaptation of coastal agro-ecosystems to increased salinity intrusion”, German Federal Ministry of Education and Research (BMBF), PI
2013 – 2018	Globe “Wetlands in East Africa – Reconciling future food production with environmental projection”, German Federal Ministry of Education and Research (BMBF), PI
2009 – 2013	COST Action ES0806 “Stable Isotopes in Biosphere - Atmosphere - Earth System Research (SIBAE)”, European Science Foundation
2008 – 2013	ENTRANCE, “Environmental Transition of China’s Ecosystems Under Predicted Global Changes”, Joint Laboratory of the Helmholtz Association of German Research Centers and the Chinese Academy of Sciences
2006 – 2011	NitroEurope IP, “The Nitrogen Cycle and its Influence on the European Greenhouse Gas Balance”, European Commission
2004 – 2010	MAGIM, “Matter Fluxes in Grasslands of Inner Mongolia as Influenced by Stocking Rate”, German Research Foundation (DFG)
2004 – 2007	Virtual Institute, “Center for Stable Isotope Analysis in Ecosystem Research”, Helmholtz Association of German Research Centers
2003 – 2006	Virtual Institute, “Sustainable Use of near-natural landscapes”, Helmholtz Association of German Research Centers
2001 – 2004	NOFRETETE, “Nitrogen Oxides Emissions from European Forest Ecosystems”, European Commission

