

# Prof. Dr. Jonathan M. Jeschke

## Personal Details

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Address            Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)  
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                         12587 Berlin  
                         Freie Universität Berlin  
                         Institute of Biology  
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Email                Jonathan.jeschke@fu-berlin.de

## Research Interests

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Ecological novelty, invasion biology, urban ecology, predator-prey interactions, macroecology, conservation biology, research synthesis, philosophy of science

## Professional Positions

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Since 2022        Head of the Department Evolutionary and Integrative Ecology, Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB)

Since 2014        Professor of Ecological Novelty (funded by the DFG as Heisenberg Professorship from 2014 to 2019), Freie Universität Berlin, and Research Group Leader, IGB

2016-2021        Speaker of the Cross-Cutting Research Domain Aquatic Biodiversity (IGB)

2013-2014        Assistant Professor (“Wissenschaftlicher Assistent”), Technische Universität München, Department of Ecology and Ecosystem Management

2011-2013        Principal Investigator (DFG), Technische Universität München, Department of Ecology and Ecosystem Management

2010-2011        Principal Investigator (DFG), Ludwig-Maximilians-Universität München, Evolutionary Ecology

2009-2010        Assistant Professor (“Wissenschaftlicher Assistent”), Ludwig-Maximilians-Universität München, Aquatic Ecology

2007-2008        DFG Research Fellow, Ludwig-Maximilians-Universität München, Evolutionary Ecology 2010-2017

2006-2008 & 2010-2017    Visiting Scientist, Cary Institute of Ecosystem Studies, Millbrook, NY, USA

2005-2006        Postdoctoral Associate, University of Helsinki, Department of Biological and Environmental Sciences, Laboratory of Ecological and Evolutionary Dynamics

2003-2005        Postdoctoral Associate, Cary Institute of Ecosystem Studies

2002-2003        Research Specialist, Ludwig-Maximilians-Universität München, Biology Education

## Education

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2011	Habilitation in Ecology, Center of Life and Food Sciences Weihenstephan, Technische Universität München
2009-2011	Habilitation in Ecology, Faculty of Biology, Ludwig-Maximilians-Universität München
1998-2002	Dr. rer. nat. (comparable to PhD) in Biology, Ludwig-Maximilians-Universität München
1992-1998	Diplom (comparable to MSc) in Biology, Ludwig-Maximilians-Universität München

## Scholarships, Awards and Project Funds (selected)

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Since 2021	VolkswagenStiftung grant Towards an open, zoomable atlas for invasion science and beyond, ca. 600k€
Since 2019	PI in the BiodivERSA projects AlienScenarios and InvasiBES, my part funded by the BMBF with a budget of ca. 260k€ (total budget ca. 2 M€)
2016-2021	PI in the BMBF collaborative project Bridging in Biodiversity Science (BIBS), own budget ca. 830k€ (total budget ca. 10 M€)
2014-2019	DFG Heisenberg Professorship of Ecological Novelty, ca. 640 k€ (single PI)
2015-2018	DFG grant Long-term effects of invasive species in novel communities (InDyNet), ca. 265 k€ (single PI)
2015-2017	BfN grant EU regulation on invasive species: suggestions for species to be listed as being of Union concern, and prioritization of their pathways, own budget 49 k€ (total budget 233 k€)
2013-2017	BiodivERSA grant Forecasting Future Invasions and their Impacts (FFII), my part funded by the DFG with a budget of about 190 k€ (total budget ca. 900 k€)
2010-2013	DFG grant Combining bottom-up and top-down analyses to test fundamental concepts in invasion biology, ca. 250 k€ (single PI)
2007-2008	DFG research fellowship, ca. 50 k€ (single PI)

## Service Activities for Institutions, Foundations and Publishers (selected)

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**As editor:** *Basic and Applied Ecology* (Book Review Editor, 2012-2020), *Conservation Biology* (Ad-hoc Editor, 2008-2009), *Dataset Papers in Ecology* (Associate Editor, 2012-2017), *Diversity and Distributions* (Associate Editor, 2011-2015), *Ecological Applications* (Ad-hoc Editor, 2012-2013), *Immediate Science Ecology* (Associate Editor since 2012), *ISRN Ecology* (Associate Editor, 2010-2014), *Management of Biological Invasions* (Associate Editor, 2010-2012), *NeoBiota* (Associate Editor since 2010), *Soil Organisms* (Associate Editor, 2007-2018)

**As reviewer:** reviewed >130 manuscripts for >50 journals, and >30 grant proposals for 9 funding agencies

**External PhD or habilitation examiner or promotion assessor:** Universität Basel, Switzerland (2022); Humboldt-Universität zu Berlin (2022); Université de Fribourg, Switzerland (2021); Friedrich Schiller University Jena (2021); Charles University Prague, Czech Republic (2020); Monash University, Australia (2020); Durham University, UK (2020); Stellenbosch University, South Africa (2019); Technische Universität Berlin (2019); Imperial College London, UK (2017); Queen's University, Belfast, UK (2015)

**Berlin committee activities (selected):**

- Member of IGB Board since 2022
- Member of IGB Membership Steering Committee since 2022
- Deputy Member of FU's Institute of Biology Council since 2017
- Member of several Professorship selection committees since 2016
- Member of IGB's Executive Committee (LGI) since 2016
- Member of IGB's third-party funding committee, 2017-2021
- Admissions Committee Member of the Graduate School Biodiversity, Evolution & Ecology at Freie Universität Berlin since 2015

**Other selected service activities:**

- *Alliance for Freshwater Life (AFL)*: Board Member, Joint Leader of core area *Data & Synthesis*, since 2017
- *BiodivERSA*: Evaluation Committee Member for 2011/2012 call
- *COST Actions*: Management Committee Member of *COST Action CA17122, Increasing understanding of alien species through citizen science (ALIEN CSI)*, since 2018  
Management Committee Member (Substitute) of *COST Action TD1209, European Information System for Alien Species (ALIEN Challenge)*, 2013-2017
- *Deutscher Bundestag*: meetings with members of the German parliament, since 2015
- *European Food Safety Authority (EFSA): GMO Panel*: Expert member of Working Group "GMO Guidance on environmental risk assessment of GM mammals and birds", 2011-2013; expert participant of Workshop "Defining environmental risk assessment criteria for GM mammals and birds to be placed on the EU market", 2010; *Scientific Committee*: Expert member of Working Group "Environmental risk assessment overarching group", 2013-2015
- *GO FAIR Discovery Implementation Network*: Member and IGB Representative, since 2019
- *Institute Technology-Theology-Natural Sciences (TTN), LMU Munich*: Selection Committee Member for the TTN Essay Award 2013 on Green Biotechnology in the Anthropocene
- *International Union for Conservation of Nature (IUCN)*: Expert member of the *Commission on Ecosystem Management (CEM)* since 2013; Expert member of the *Species Survival Commission (SSC), Invasive Species Specialist Group (ISSG)*, since 2010
- *Invasion Dynamics Network*: Founder and Head of Steering Committee, since 2015
- *NEOBIOTA*: Council Member, since 2018
- *School Kirchseeon, Germany*: academic partner for scientific seminar on macroecology and macroevolution, 2016
- *Scientists for Future*: Member of the Advisory Board, since 2019

## Seminars, Conferences and Workshops

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- > 40 invited seminars at universities and other institutions
- > 40 talks at conferences
- > 30 symposia and workshops or similar events organized