

Curriculum Vitae

STEFAN BAUMGÄRTNER

Professor of Environmental Economics and Resource Management

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ACADEMIC EDUCATION

2006	Habilitation	Economics	University of Heidelberg, Germany
1999	Dr.rer.pol. (PhD)	Economics	University of Heidelberg, Germany
1994	Diplom (MSc)	Physics, Economics	University of Heidelberg, Germany
1991 – 1992	Visiting Student	Physics	University of Washington, Seattle, USA
1990	Vordiplom (BSc)	Physics	University of Stuttgart, Germany

PROFESSIONAL EXPERIENCE

2014 – present	Full Professor of Environmental Economics and Resource Management, University of Freiburg, Germany
2007 – 2015	Lecturer, Master Program in Environmental Sciences, University of Zurich, Switzerland
2006 – 2014	Associate Professor of Sustainability Economics and Founding Director (from 2012), Research Center FuturES – Futures of Ecosystem Services, Leuphana University of Lüneburg, Germany
2004 – 2006	Head, Ecological Economics Group, Research Center for Environmental Economics, University of Heidelberg, Germany
2000 – 2006	Assistant Professor, Department of Economics, University of Heidelberg, Germany
2001 – 2002	PostDoc (with Prof. Richard B. Norgaard), Energy and Resources Group, University of California, Berkeley, USA
1994 – 2000	Teaching and Research Assistant (with Profs Malte Faber and Till Requate), Department of Economics, University of Heidelberg, Germany
1994	Environmental Policy Consultant, ECOTEC, Munich (Internship)

HONORS AND DISTINCTIONS

2010	Teaching Award, Leuphana University of Lüneburg, Germany
2001 – 2002	Research-Fellowship, German Research Foundation (DFG)
1998, 1999, 2000, 2003	Young Economists International Presentation Award, German Economic Association (Verein für Socialpolitik)
1991 – 1992	Fulbright-Fellowship

1989 – 1994 Scholarship, German National Academic Foundation (Studienstiftung des deutschen Volkes)

RESEARCH EXPERTISE

ecological, environmental and resource economics

- normative foundations of sustainability economics
- ecological-economic modelling
- biodiversity and ecosystem services
- analysis and governance of risk, resilience and insurance in ecological-economic systems
- sustainable rangeland management in semi-arid regions
- philosophy of inter- and transdisciplinary environmental research

RESEARCH VISITS AND FIELD RESEARCH

2011 ecoSERVICES Group and School of Sustainability, Arizona State University, USA
(2 months)

2004, 2007,
2010 Desert Research Foundation of Namibia, Namibian Agronomic Board, Namibia
Agricultural Union, various commercial livestock farms in Namibia
(1 month in each year, field research)

2004 – present Department of Ecological Modelling and Department of Economics,
UFZ – Helmholtz Centre for Environmental Research Leipzig, Germany
(regularly several short-term research visits per year)

MAJOR RESEARCH GRANTS

2016 – 2018 URCforSC – Upper Rhine Cluster for Sustainability Research
1.667 m EUR (European Union: Interreg)

2012 – 2015 ECCUITY – Economics of climate change: Distribution, efficiency, and policy
under uncertainty
343,576 EUR (German Federal Ministry of Education and Research BMBF)

2011 – 2016 COMTESS – Sustainable coastal land management: Trade-offs in ecosystem
services
380,310 EUR (German Federal Ministry of Education and Research BMBF)

2010 – 2013 EIGEN – Efficient inter- and intragenerationally just use of ecosystem services.
Sustainability-economic analysis of trade-offs in biodiversity and fishery policy
315,925 EUR (German Federal Ministry of Education and Research BMBF)

2007 – 2010 Sustainable use of ecosystem services under uncertainty – Ecological-economic
modelling and evaluation of economic policy options
459,232 EUR (German Federal Ministry of Education and Research BMBF)

2004 – 2007 Ecological Economics – Modelling and conceptual foundation

- 621,200 EUR (Volkswagen Foundation)
- 2001 – 2002 Irreversible loss of biological diversity from the economic perspective
50,200 EUR (German Research Foundation DFG)

EDITORIAL SERVICE

- 2009 – present Associate Editor (until 2015) and Co-Editor (since 2015), *Ecological Economics*

ADVISORY SERVICE FOR PUBLIC INTERESTS

- 2008 – 2010 European Commission and German Federal Ministry of the Environment:
TEEB – The Economics of Ecosystems and Biodiversity
- 2008 – 2009 Bavarian State Ministry of the Environment: *Bavarian Biodiversity Strategy*
- 2007 – 2010 German Federal Ministry of Education and Research: *Economics for Sustainability*
- 2004 – 2010 Ministry of the Environment and Ministry of Agriculture, Republic of Namibia,
Namibian Agronomic Board, Namibia Agricultural Union, and others:
*Sustainable use of semi-arid rangelands under uncertainty – Ecological-economic
analysis and evaluation of management and policy options*

UNIVERSITY SERVICE

- 2014 – present Director, MSc Program Renewable Energy Engineering and Management,
University of Freiburg
- 2014 – present Member, Faculty Council and Standing Habilitation Committee, Department of
Environment and Natural Resources, University of Freiburg
- 2007 – present Mentor of academically gifted students, German National Academic
Foundation (Studienstiftung des deutschen Volkes)
- 2012 – 2014 Director, PhD Program Sustainability Science, Leuphana University of Lüneburg
- 2011 – 2014 Chair, Standing PhD Committee (Dr. rer. pol.), Department of Sustainability
Science, Leuphana University of Lüneburg
- 2010 – 2012 Member, Faculty Council, Department of Sustainability Science, Leuphana
University of Lüneburg
- 2010 – 2011 Director, Institute of Sustainability Governance, Leuphana University of Lüneburg
- 2008 – 2010 Member, Standing PhD Committee, Department of Sustainability Sciences,
Leuphana University of Lüneburg
- 2007 Head, Search Committee, Junior-Professorship Sustainable Use of Renewable
Natural Resources, Leuphana University of Lüneburg
- 2000 – 2001 Member, Faculty Council, Department of Economics, University of Heidelberg
- 1996 – 1998 Coordinator, Interdisciplinary Studies in Environmental Sciences, University of
Heidelberg

ORGANIZATION OF CONFERENCES AND WORKSHOPS

- 2015 Workshop *Experiments on Intergenerational Justice under Uncertainty*, Camp Reinsehlen
- 2014 Workshop *Intergenerational Equity and Efficiency under Uncertainty*, Camp Reinsehlen
- 2012 Workshop *Responsibility for Sustainability – Economics and Philosophy*, Camp Reinsehlen
- 2010 Workshop *Sustainability Economics*, Berlin
- 2009 Junior Researcher Workshop *Environmental and Resource Economics*, Lüneburg
- 2008 Workshop *Conceptualizing Sustainability under Uncertainty*, Camp Reinsehlen
- 2007 Symposium *The Philosophy of Ecological Economics*, Conference of the European Society for Ecological Economics, Leipzig
- 2006 Workshop *Economics and Nature Conservation*, Heidelberg
- 2005 Symposium *The Insurance Value of Biodiversity*, First DIVERSITAS International Conference on Biodiversity, Oaxaca (Mexico)
- 2005 Workshop *Science Theory of Interdisciplinary Research – Preconditions, Potential and Limits of Integrating Ecology and Economics*, Heidelberg
- 2004 Symposium *Diversity in Competitive Systems – Ecological and Economic Perspectives*, Conference of the International Society for Ecological Economics, Montreal (Canada)
- 2004 Symposium *Joint Production – Thermodynamics, Economics, and Ethics*, Conference of the International Society for Ecological Economics, Montreal (Canada)
- 2004 Workshop *Sustainability and Uncertainty – A Challenge for Interdisciplinary Theory-Building*, German Institute for Economic Research DIW, Berlin
- 2000 International WE-Heraeus-Conference *Economic Growth – Driving Forces and Constraints in the Perspective of Economics and the Sciences*, Bad Honnef
- 2000 Workshop *Biodiversity as an Ecological and Economic Resource*, Inaugural Meeting of German Research Network *Economics and Nature Conservation*, Heidelberg
- 1999 Workshop *Joint Production and Environmental Pollution*, Heidelberg

REVIEWER FOR ACADEMIC JOURNALS

Australian Journal of Agricultural and Resource Economics, Canadian Journal of Economics, Conservation Biology, Climatic Change Letters, Ecological Complexity, Ecological Economics, Ecological Economics Reviews, Energy – The International Journal, Environment and Development Economics, Environmental and Resource Economics, Environmental Values, European Journal of the History of Economic Thought, GAIA, Global Environmental Change, International Journal of Sustainable Development, Journal of Bioeconomics, Journal of Economics, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Human Development and Capabilities, Journal of Industrial Ecology, Land Use Policy, Natural Resource Modeling, Resource and Energy Economics, Science, Southern Economic Journal, Structural Change and Economic Dynamics

REVIEWER FOR ACADEMIC PUBLISHERS

Edward Elgar, Elsevier, Routledge, Springer

REVIEWER FOR FUNDING AGENCIES

French National Research Agency (Agence National de la Recherche ANR), German Federal Environmental Foundation (Deutsche Bundesstiftung Umwelt DBU), German Federal Ministry of Education and Research (BMBF), German National Academic Foundation (Studienstiftung des deutschen Volkes), German Research Foundation (Deutsche Forschungsgemeinschaft DFG), Swiss National Science Foundation (Schweizerischer Nationalfonds), Volkswagen Foundation

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

BIOECON – Biodiversity and Economics for Conservation
European Association of Environmental and Resource Economists
European Society for Ecological Economics
German Economic Association (Verein für Socialpolitik)
International Society for Ecological Economics