

## Publications and Presentations

STEFAN BAUMGÄRTNER

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### BOOKS

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## CONTRIBUTIONS TO BOOKS

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## BOOK REVIEWS, COMMENTS, OBITUARIES

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#### ABSTRACTS IN CONFERENCE PROCEEDINGS

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Müller, B., M.F. Quaas, K. Frank and S. Baumgärtner (2009), Pitfalls of institutional change: rain-index insurance may impair rangeland's resilience, *Earth and Environmental Science* 6: 422009. doi:10.1088/1755-1307/6/2/422009

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#### CURRENT DISCUSSION PAPERS (AVAILABLE FROM <http://ssrn.com/author=363673>)

The concept of responsibility: norms, actions, and their consequences (with T. Petersen, J. Schiller)  
[DOI: 10.2139/ssrn.3157667](https://doi.org/10.2139/ssrn.3157667)

A utilitarian notion of responsibility for sustainability (with J. Fünfgelt)

Regulation of morally responsible agents with motivation crowding (with J. Fünfgelt)

Determinants and interactions of sustainability and risk management of commercial cattle farmers in Namibia (with J. Ingenillem, J. Merz)

Risk preferences of commercial cattle farmers in Namibia under heterogeneous environmental risk (with R. Olbrich, M.F. Quaas, A. Haensler)

Value pluralism, trade-offs and efficiencies (with N. Hoberg)

Measuring the diversity of what? And for what purpose? A conceptual comparison of ecological and economic biodiversity indices. [DOI: 10.2139/ssrn.894782](https://doi.org/10.2139/ssrn.894782)

## Lectures and Presentations

### MAJOR INVITED CONFERENCE LECTURES

- 2018 Is ecosystem resilience really an economic insurance? Workshop “Ecological-Economic Resilience of Ecosystems” of the *French Association of Environmental and Resource Economists*, Bordeaux (France)
- 2017 Natural insurance through ecosystem resilience and management, Panel session *Scarcity, resilience and collective action* at *Biodiversity and Economics for Conservation*, Tilburg (The Netherlands)
- 2014 Resilience and sustainability of natural, technical and socio-economic systems, *Sustainability Summit 2014*, Freiburg  
Discounting – Uncertainty – Sustainability, Panel session *Climate change and ecosystem services* at *Biodiversity and Economics for Conservation*, Cambridge (UK)
- 2013 Intra- and intergenerational justice in the use and conservation of ecosystems and their services, *Science Congress of Plural Economics*, Hamburg
- 2006 The private and public insurance value of biodiversity, Symposium *Ecological Economics* at the 3<sup>rd</sup> *World Congress of Environmental and Resource Economists*, Kyoto (Japan)
- 2002 Thermodynamics and the economics of absolute scarcity, Panel session *Ecological Economics: Ecology, Entropy, Epistemology and Ethics* at the 2<sup>nd</sup> *World Congress of Environmental and Resource Economists*, Monterey, CA (USA)
- 2000 Thermodynamic constraints in economic models of production – Conceptual implications for growth theory, 243<sup>th</sup> International WE-Heraeus-Conference *Economic Growth – Driving Forces and Constraints in the Perspective of Economics and the Sciences*, Bad Honnef  
Der ökonomische Wert der biologischen Vielfalt, 5. Franz-Ruttner-Symposium *Warum brauchen wir einen flächendeckenden Biotopverbund? Grundlagen zum Verständnis der biologischen Mannigfaltigkeit, ihrer ökologischen Bedeutung und der Verpflichtung des Menschen, dem dramatischen Artensterben entgegen zu wirken*, Rosenheim
- 1999 Thermodynamics and economic modeling of production – The concept of joint production, 3<sup>rd</sup> Gordon Research Conference *Modern Developments in Thermodynamics*, Il Ciocco, Castelvecchio Pascoli (Italy)

### INVITED SEMINARS AND WORKSHOP CONTRIBUTIONS

- 2020 University of Tübingen, Lecture Series Plural Economics  
University of Hamburg, Environmental and Development Economics Seminar

- 2019 Workshop Sustainability Economics, Hertie School of Governance, Berlin  
University of Mannheim, Lecture Series Environmental Economics
- 2018 Toulouse School of Economics (France), Environmental Economics Seminar
- 2017 Workshop Marine ecological-economic systems: Shifting the baseline to a regime of sustainability, Tilburg (The Netherlands)  
Workshop Valuation of grassland species diversity and related ecosystem services in Europe, Zurich (Switzerland)  
Symposium on Frontiers in Economics of Biodiversity, Leipzig
- 2015 Workshop The Economics of Ecosystems, Montpellier (France)  
Workshop Human Well-Being and Ecosystem Services, Frauenchiemsee
- 2014 Humboldt University of Berlin, Resource Economics Colloquium
- 2013 University of Namur (Belgium), Economics Seminar  
University of Freiburg, Environmental Economics and Research Management Colloquium  
University of Bayreuth, Ecology and Environmental Research Colloquium
- 2012 University of Manchester (UK), Environmental and Resource Economics Seminar  
Wageningen University (The Netherlands), Workshop Economics and Management of Biological Resources  
University of Münster, Energy and Resource Economics Seminar
- 2011 University of Jena and Max-Planck Institute of Economics, Jena, Evolutionary Economics Seminar  
Arizona State University, Tempe (USA), Environmental and Resource Economics Seminar
- 2009 University of Koblenz-Landau, Environmental Economics Colloquium  
Technical University of Cottbus, Environmental Economics Colloquium  
University of Hamburg, Sustainable Development Colloquium
- 2008 University of Kassel, Economics Colloquium  
University of Graz (Austria), Systems Science Colloquium  
University of Greifswald, Land Economy Colloquium  
University of Jena and Max-Planck Institute of Economics, Jena, Evolutionary Economics Seminar
- 2007 University of Oldenburg, Economics Colloquium  
University of Osnabrück, Systems Science Colloquium  
University of Hamburg, Workshop Sustainability and Global Change  
DIVERSITAS, Paris (France), Workshop Economics of Ecosystem Services

- 2006 German Economic Association, Committee on Environmental and Resource Economics
- 2005 University of Duisburg-Essen, Interdisciplinary Studies Colloquium  
University of Lüneburg, Sustainability Economics Colloquium  
ETH Zurich (Switzerland), Environmental Policy and Economics Seminar  
ETH Zurich (Switzerland), Department Management, Technology and Economics
- 2004 DIVERSITAS, Paris (France), Workshop Integrated Modelling of Economies and Ecologies  
University of Karlsruhe, Economic Theory and Operations Research Seminar  
German Institute for Economic Research (DIW), Berlin, Workshop Sustainability and Uncertainty  
Technical University of Darmstadt, Applied Economics Colloquium
- 2002 University of Magdeburg, Workshop Measurement and Economic Valuation of Biodiversity  
UFZ – Helmholtz Centre for Environmental Research, Leipzig, Workshop Ecological-Economic Modeling
- 2001 University of California, Berkeley (USA), Energy and Resources Colloquium  
Delft University of Technology (The Netherlands), Workshop Sustainable Processes and Products  
Technical University of Chemnitz, Economics Research Seminar
- 1999 Delft University of Technology (The Netherlands), Laboratory for Applied Thermodynamics and Phase Equilibria  
RWTH University of Aachen, Environmental Management Seminar
- 1998 Centre for European Economic Research (ZEW), Mannheim, Environmental Economics and Management Seminar  
Max-Planck Institute of Economics, Jena, Workshop Production Theory and Ecology

### CONTRIBUTIONS TO CONFERENCES WITH PEER-REVIEW SELECTION

(\* presentation by co-author)

- 2019 *Biodiversity and Economics for Conservation*, Wageningen (The Netherlands)  
Annual Congress, European Economic Association, Manchester (UK) \*  
Annual Conference, European Association of Environmental and Resource Economists, Manchester (UK)
- 2018 *Biodiversity and Economics for Conservation*, Cambridge (UK) \*  
Annual Conference, German Economic Association, Freiburg  
World Conference of Environmental and Resource Economists, Gothenburg (Sweden)  
*Foundations of Utility and Risk*, York (UK)  
*Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)

- 2017 *Biodiversity and Economics for Conservation*, Cambridge (UK) \*  
*Resilience 2017 – Resilience Frontiers for Global Sustainability*, Stockholm (Sweden) \*  
Biennial Conference, European Society for Ecological Economics, Budapest (Hungary)  
World Congress of Natural Resource Modeling, Barcelona (Spain) \*
- 2016 *Biodiversity and Economics for Conservation*, Cambridge (UK)  
Annual Meeting, Ecological Society of Germany, Austria, Switzerland, Göttingen \*  
*Foundations of Utility and Risk*, Coventry (UK) \*  
Annual Conference, European Association of Environmental and Resource Economists, Zurich (Switzerland)  
Annual Meeting, European Public Choice Society, Freiburg  
*envecon: Applied Environmental Economics Conference*, London (UK) \*
- 2015 *Biodiversity and Economics for Conservation*, Cambridge (UK)  
Annual Meeting, Ecological Society of Germany, Austria, Switzerland, Göttingen \*  
World Risk and Insurance Economics Congress, Munich \*  
Biennial Conference, European Society for Ecological Economics, Leeds (UK) \*  
World Congress of Natural Resource Modeling, Bordeaux (France)  
*Plurality and Politics of Environmental Justice*, Norwich (UK) \*  
Annual Conference, European Association of Environmental and Resource Economists, Helsinki (Finland)
- 2014 *Biodiversity and Economics for Conservation*, Cambridge (UK)  
*Degrowth for Ecological Sustainability and Social Equity*, Leipzig \*  
Biennial Conference, International Society for Ecological Economics, Reykjavik (Iceland) \*  
*Foundations of Utility and Risk*, Rotterdam (The Netherlands) \*  
World Congress of Environmental and Resource Economists, Istanbul (Turkey)  
*Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)  
International Economic Association, Amman (Jordan) \*
- 2013 Annual North American Meetings, Regional Science Association International, Atlanta, GA (USA) \*  
Annual Meeting, International Association for Environmental Philosophy, Eugene, OR (USA) \*  
*Biodiversity and Economics for Conservation*, Cambridge (UK)  
Annual Meeting, European Economic Association, Gothenburg (Sweden) \*  
Annual Conference, Asia-Pacific Risk and Insurance Association, New York (USA) \*  
International Meeting, Association for Public Economic Theory, Lisbon (Portugal) \*  
Annual Conference, European Association of Environmental and Resource Economists, Toulouse (France)  
Biennial Conference, European Society for Ecological Economics, Lille (France) \*

- Cooperation or Conflict? Economics of Natural Resources and Food*, Wageningen (The Netherlands)
- European Public Choice Society Meeting, Zurich (Switzerland) \*
- Applied Environmental Economics Conference, The Royal Society, London (UK) \*
- 2012 Annual Conference, International Atlantic Economic Society, Montreal (Canada) \*
- Biodiversity and Economics for Conservation*, Cambridge (UK)
- Annual Conference, Ecological Society of Germany, Austria and Switzerland, Lüneburg \*
- Annual Conference, German Economic Association, Göttingen \*
- International Sustainability Conference*, Basel (Switzerland)
- Annual Conference, European Association of Environmental and Resource Economists, Prague (Czech Republic) \*
- Annual Conference, Association for Public Economic Theory, Taipei (Taiwan) \*
- Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)
- Research Conference on *Microinsurance*, Enschede (The Netherlands) \*
- TEEB Conference: *Mainstreaming the Economics of Nature*, Leipzig
- World Congress, Public Choice Societies, Miami (USA) \*
- 2011 *Payments for Ecosystem services and their Institutional Dimensions*, Berlin
- Biodiversity and Economics for Conservation*, Geneva (Switzerland)
- Annual Conference, European Association of Environmental and Resource Economists, Rome (Italy)
- Biennial Conference, European Society for Ecological Economics, Istanbul (Turkey) \*
- European Conference on Ecological Modelling, Riva del Garda (Italy) \*
- Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change*, Tempe (USA)
- 2010 *Risk Elicitation and Stated Preference Methods for Climate Change Research*, Trento (Italy) \*
- Biodiversity and Economics for Conservation*, Venice (Italy)
- Annual Conference, German Economic Association, Kiel
- Biennial Conference, International Society for Ecological Economics, Oldenburg/Bremen
- World Risk and Insurance Economics Congress, Singapore \*
- World Congress of Environmental and Resource Economists, Montreal (Canada) \*
- Foundations and Applications of Utility, Risk and Decision Theory*, Newcastle (UK) \*
- Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)
- Risk and Uncertainties in Environmental Decision Making*, Ascona (Switzerland) \*
- 2009 Annual Conference, German Economic Association, Magdeburg
- Biennial Conference, European Society for Ecological Economics, Ljubljana (Slovenia) \*
- Annual Conference, European Association of Environmental and Resource Economists, Amsterdam (The Netherlands)

- 2008 *Biodiversity and Economics for Conservation*, Cambridge (UK) \*  
Annual Conference, European Association of Environmental and Resource Economists, Gothenburg (Sweden)  
*Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)  
*Resilience, Adaptation and Transformation in Turbulent Times*, Stockholm (Sweden)
- 2007 Annual Conference, German Economic Association, München  
*Biodiversity and Economics for Conservation*, Cambridge (UK)  
Annual Conference, European Association of Environmental and Resource Economists, Thessaloniki (Greece)  
Biennial Conference, European Society for Ecological Economics, Leipzig  
*Sustainable Neighbourhood – from Lisbon to Leipzig through Research*, Leipzig
- 2006 *Biodiversity and Economics for Conservation*, Cambridge (UK)  
World Congress of Environmental and Resource Economists, Kyoto (Japan)  
*Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)  
*Economics of Poverty, Environment and Natural Resource Use*, Wageningen (The Netherlands)
- 2005 *Integrating Biodiversity Science for Human Well-Being*, DIVERSITAS, Oaxaca (Mexico)  
Annual Conference, German Economic Association, Bonn  
*Biodiversity and Economics for Conservation*, Cambridge (UK)  
Annual Conference, European Association of Environmental and Resource Economists, Bremen  
Biennial Conference, European Society for Ecological Economics, Lisbon (Portugal)  
Annual Meeting, Swiss Society of Economics and Statistics, Zurich (Switzerland)
- 2004 Biennial Conference, International Society for Ecological Economics, Montreal (Canada)  
Annual Conference, European Association of Environmental and Resource Economists, Budapest (Hungary)  
*Sustainable Resource Use and Economic Dynamics*, Ascona (Switzerland)
- 2003 Annual Congress, European Economic Association, Stockholm (Sweden)  
Annual Conference, Ecological Society of Germany, Austria and Switzerland, Halle  
*Frontiers 2: European Applications in Ecological Economics*, European Society for Ecological Economics, Tenerife (Spain) \*
- 2002 World Congress of Environmental and Resource Economists, Monterey, CA (USA)  
Annual Conference, Ecological Society, Cottbus \*  
*Healthy Ecosystems, Healthy People – Linkages between Biodiversity, Ecosystem Health and Human Health*, Washington, D.C. (USA)  
Biennial Conference, International Society for Ecological Economics, Sousse (Tunisia)

- 2001 Annual Conference, European Association of Environmental and Resource Economists, Southampton (UK)  
*Frontiers 1: Fundamental Issues of Ecological Economics*, European Society for Ecological Economics, Cambridge (UK)  
*Vom Wert der Vielfalt – Diversität in Ökonomie und Ökologie*, Evangelischen Akademie Tutzing und Vereinigung für Ökologische Ökonomie, Tutzing
- 2000 Annual Conference, European Association of Environmental and Resource Economists, Rethymno (Greece)  
Biennial Conference, European Society for Ecological Economics, Vienna (Austria)
- 1999 Econometric Society European Meeting, Santiago de Compostela (Spain)
- 1998 World Congress of Environmental and Resource Economists, Venice (Italy)  
*The Scientific Life of Nicholas Georgescu-Roegen*, Strasbourg (France)  
Biennial Conference, European Society for Ecological Economics, Geneva (Switzerland)
- 1997 Annual Conference, German Economic Association, Berne (Switzerland) \*
- 1996 Annual Conference, German Economic Association, Kassel  
Inaugural Conference, European Society for Ecological Economics, Versailles (France)

## In the News

- 02.11.2017 The Guardian (online)
- 01.10.2016 ReSource – Fachzeitschrift für nachhaltiges Wirtschaften [with photo]
- 10.03.2012 Landeszeitung für die Lüneburger Heide [with photo]
- 16.11.2011 SWR 2
- 24.09.2011 DRS 2
- 17.09.2011 Frankfurter Allgemeine Zeitung
- 10.02.2011 Landeszeitung für die Lüneburger Heide [with photo]
- 09.02.2011 Ostsee-Zeitung
- 09.02.2011 Bild.de
- 28.04.2010 Der Kreisbote [title page]
- 28.04.2010 Lüneburg kompakt [title page]
- 21.03.2010 WDR 5
- 31.01.2009 Frankfurter Allgemeine Sonntagszeitung

- 31.05.2008 Tages-Anzeiger Zürich
- 30.05.2008 Landeszeitung für die Lüneburger Heide [with photo]
- 23.05.2008 Stuttgarter Zeitung
- 20.05.2008 Stuttgarter Zeitung
- 15.05.2008 Rheinischer Merkur
- 28.04.2008 Focus [with photo]
- 18.03.2008 Landeszeitung für die Lüneburger Heide
- 31.10.2006 Deutschlandfunk
- 14.01.2004 Rhein-Neckar-Zeitung