

Bartosz Bartkowski

Curriculum vitae

CONTACT INFORMATION

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Profiles [ResearchGate](#)
[Publons](#)
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ACADEMIC CAREER

Since 2016 Postdoc at UFZ Leipzig, Department of Economics
2013–2016 PhD student at UFZ Leipzig, Department of Economics (fellow of the Helmholtz Research School ESCALATE)

EDUCATION

2013–2017 PhD (Dr. rer. pol.) in economics, Martin Luther University Halle-Wittenberg (*magna cum laude*)
Dissertation: *The economic value of biodiversity: Developing a conceptual framework*
2011–2013 M.Sc. in economics, Martin Luther University Halle-Wittenberg
Thesis: *Problems of economic valuation of ecosystem services: The case of the Yasuní rainforest*
2007–2010 B.A. in Intercultural Europe and America Studies/Economics, Martin Luther University Halle-Wittenberg
2007 Abitur, Goetheschule Ilmenau

TEACHING

Since 2017 *Naturschutzökonomie (Nature Conservation Economics)* at Hochschule Anhalt in Bernburg

SUPERVISION

Since 2020 Marta Bonato, PhD thesis, *Exploring agricultural diversification strategies to foster landscape multifunctionality* (working title)
2020 Malin Gütschow (Uni Leipzig), Master's thesis, *Farmers' action space and barriers to a sustainability transformation of agriculture in Germany*

(working title)

- Since 2019 Marieke Baaken, PhD thesis, *Behavioural insights and adequate policy responses for sustainable agriculture* (working title)
- Since 2019 Coordinator of UFZ graduate school AGRI-TRANSFORM (Leverage Points for the Transformation to an Environmentally Sustainable Agriculture)
- 2018 Lea Siebert (TU Berlin), Master's thesis, *Energy crops and erosion control in Germany in the context of the Bioeconomy Strategy*

3RD PARTY FUNDED PROJECTS

- Since 2017 BonaRes – Centre for Soil Research
- 2016 UBA-Methodenkonvention 3.0 – Weiterentwicklung und Erweiterung der Methodenkonvention zur Schätzung von Umweltkosten

GRANTS

- 2016 DAAD travel grant for BIOECON Conference, Cambridge

10 MOST IMPORTANT PUBLICATIONS

(Full publication list is provided in a separate document.)

- **Bartkowski, B.**, Beckmann, M., Drechsler, M., Kaim, A., Liebelt, V., Müller, B., Witing, F., Strauch, M., 2020. Aligning agent-based modelling with multi-objective land-use allocation: Identification of policy gaps and feasible pathways to biophysically optimal landscapes. *Front. Environ. Sci.* 8. doi:[10.3389/fenvs.2020.00103](https://doi.org/10.3389/fenvs.2020.00103)
- **Bartkowski, B.**, Bartke, S., Helming, K., Paul, C., Techen, A., Hansjürgens, B., 2020. *Potential of the economic valuation of soil-based ecosystem services to inform sustainable soil management and policy*. *PeerJ* 8: e8749. doi:[10.7717/peerj.8749](https://doi.org/10.7717/peerj.8749)
- **Bartkowski, B.**, Droste, N., Ließ, M., Sidemo-Holm, W., Weller, U., Brady, M.V., 2019. Implementing result-based agri-environmental payments by means of modelling. UFZ Discussion Paper 2019-05. [arXiv:1908.08219](https://arxiv.org/abs/1908.08219) (under review in *Land Use Policy*)
- **Bartkowski, B.**, Baum, C.M., 2019. *Dealing with rejection: An application of the exit–voice framework to genome-edited food*. *Frontiers in Bioengineering and Biotechnology* 7. doi:[10.3389/fbioe.2019.00057](https://doi.org/10.3389/fbioe.2019.00057)
- Schaafsma, M., **Bartkowski, B.**, Lienhoop, N., 2018. *Guidance for Deliberative Monetary Valuation studies*. *International Review of Environmental and Resource Economics* 12(2–3): 267–323. doi:[10.1561/101.00000103](https://doi.org/10.1561/101.00000103)
- **Bartkowski, B.**, Bartke, S., 2018. *Leverage points for governing agricultural soils: a review of empirical studies of European farmers' decision-making*. *Sustainability* 10(9): 3179. doi:[10.3390/su10093179](https://doi.org/10.3390/su10093179)
- **Bartkowski, B.**, Hansjürgens, B., Möckel, S., Bartke, S., 2018. *Institutional economics of agricultural soil ecosystem services*. *Sustainability* 10(7): 2447. doi:[10.3390/su10072447](https://doi.org/10.3390/su10072447)
- **Bartkowski, B.**, Lienhoop, N., 2018. *Beyond Rationality, Towards Reasonableness: Enriching the Theoretical Foundation of Deliberative Monetary Valuation*. *Ecological Economics* 143, 97–104. doi:[10.1016/j.ecolecon.2017.07.015](https://doi.org/10.1016/j.ecolecon.2017.07.015)
- **Bartkowski, B.**, 2017. *Are diverse ecosystems more valuable? Economic value of biodiversity as result of uncertainty and spatial interactions in ecosystem service provision*. *Ecosystem Services* 24, 50–57. doi:[10.1016/j.ecoser.2017.02.023](https://doi.org/10.1016/j.ecoser.2017.02.023)
- **Bartkowski, B.**, Lienhoop, N., Hansjürgens, B., 2015. *Capturing the complexity of biodiversity: A critical review of economic valuation studies of biological diversity*. *Ecological Economics* 113, 1–14. doi:[10.1016/j.ecolecon.2015.02.023](https://doi.org/10.1016/j.ecolecon.2015.02.023)

UNSUCCESSFUL GRANT AND PROJECT PROPOSALS

- 2020 Biodiversity conservation through model-based agri-environmental payments (BOOMBAP), BMBF FONA call “Wertschätzung und Sicherung von Biodiversität in Politik, Wirtschaft und Gesellschaft” (1st stage; coordinator)
- 2020 Capitalising on farmland biodiversity by maximising knowledge and benefits from local to European scales (CAPABLE), H2020 SFS-01-2019 topic “Biodiversity in action: across farmland and the value chain” (2nd stage; project partner)
- 2016 Rebound-Effekte zwischen Ressourcen- und Energieeffizienz – Synergien und Konflikte (REfiRE), BMBF call “Rebound-Effekte aus sozial-ökologischer Perspektive” (1st stage; project partner)

INVITED TALKS & LECTURES

- 2020 *Vielfalt von Lösungen für vielfältige Landschaften: Landnutzungspolitik in Zeiten der Biodiversitätskrise (Diversity of solutions for diverse landscapes: land-use policy in times of biodiversity crisis)*, online lecture at Public Climate School (<https://www.youtube.com/watch?v=UFQL0IEJrU0>)
- 2020 *Bioeconomy and ecosystem services*, guest lecture within online PhD course ‘The Future of the Bioeconomy: circular and ecosystem services-aware?’, University of Helsinki/NOVA
- 2019 *Ökologische Ökonomik & Degrowth (Ecological Economics & Degrowth)* at annual congress of ND.Christsein, Dresden
- 2018 *Deliberative Monetary Valuation*, guest lecture at University of Kassel, Witzenhausen
- 2017 *Ökonomische Bewertung (Economic valuation)*, guest lecture at University of Halle
- 2017 *Umweltpolitik (Environmental Policy)*, guest lecture at TU Berlin

PRESENTATIONS AT CONFERENCES AND WORKSHOPS

- 2019 *Implementing result-based agri-environmental payments by means of modelling: The MIRBAP concept*, ESP10 Conference, Hannover
- 2019 *Insights from behavioural research on farmers for agri-environmental policy*, EAAE Seminar 168: Behavioural Perspectives in Agricultural Economics and Management, Uppsala
- 2018 *Leverage points for soil governance: a synthesis of empirical studies of farmers’ decision making*, Bonares Conference, Berlin
- 2017 *CRISPR/Cas and precautionary principle: the challenging governance of a fast-changing technology*, Genome Editing Beyond the Precautionary Principle Summer School, Schönwag
- 2017 *Existence Value, Biodiversity, and the Utilitarian Dilemma*, ESEE Conference, Budapest
- 2017 *Are diverse ecosystems more valuable?*, workshop “Valuation of grassland species diversity and related ecosystem services in Europe”, Zürich
- 2016 *Are diverse ecosystems more valuable? A conceptual framework of the economic value of biodiversity*, BIOECON Conference, Cambridge

- 2015 *Biodiversity's contribution to the economic value of ecosystems*, FFU-PhD-Conference "Sustainable Environmental Politics and Economy", Berlin

SESSIONS ORGANIZED AT CONFERENCES

- 2019 *Agroecology: managing biodiversity and soil health for the sustained provision of ecosystem services in agriculture* (co-chair), ESP10 Conference, Hannover
- 2019 *Collaborative pathfinding: ecosystem service trade-offs and synergies in bioeconomic land-use scenarios* (co-chair), ESEE Conference, Turku
- 2017 *Precision in Governance of Agricultural Soils*, INSPIRATION World Soil Day Conference, Brussels (chair)

OTHER EVENTS AND ACADEMIC DEVELOPMENT

- 2019 *Result-based payments: Setting up a network*, Vienna (workshop)
- 2019 *Bioökonomie und Gesellschaft*, Tutzing (conference)
- 2019 *NIÖ-Network Meeting*, Witzenhausen (workshop)
- 2016/17 *FAWKES II (Facilitating Workshops on Ecosystem Services)*, Leeds & Leipzig (workshops; Principal Investigator)
- 2014 *Temporal and Spatial Dynamics of Ecosystem Services in Old Cultural Landscapes*, Leipzig & Lüneburg (workshops)
- 2014 *Wege aus der Wachstumsgesellschaft*, Otzenhausen (workshop)
- 2014 *Naturschutzakademie* of the BfN, Vilm (workshop)

AWARDS

- 2017 Kurt Rothschild Prize for Economic Journalism as co-author of [Exploring Economics](#)

SOFTWARE SKILLS

Agent-based modelling in NetLogo (intermediate)
Statistical modelling in R (basic)
Programming in Python (basic)
GIS analysis in ArcGIS (basic)

LANGUAGE SKILLS

Polish (fluent)
German (fluent)
English (C1)
Serbocroatian (B1)
Russian (B1)

INTERESTS

Philosophy (especially political theory, ethics and epistemology), social psychology, linguistics, history, fantasy and science fiction literature, arthouse cinema, jazz, basketball, hiking, blogging (<https://skeptischeoekonomie.net>), editing Wikipedia