

Bartosz Bartkowski

Curriculum vitae

CONTACT INFORMATION

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Profiles [ResearchGate](#)
[Publons](#)
[Twitter](#)

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
2018 Guest lecture *Deliberative Monetary Valuation* at University of Kassel, Witzenhausen
2017 Guest lecture *Ökonomische Bewertung (Economic valuation)* at University of Halle
2017 Guest lecture *Umweltpolitik (Environmental Policy)* at TU Berlin

SUPERVISION

- Since 2019 Marieke Baaken, PhD thesis, *Behavioural insights and adequate policy responses for sustainable agriculture* (working title)
- 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

UNSUCCESSFUL GRANT AND PROJECT PROPOSALS

- 2016 BMBF-call „Rebound-Effekte aus sozial-ökologischer Perspektive“ (1st phase; project partner)

PEER-REVIEWED PUBLICATIONS

- **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)
- **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)
- Förster, J., Schmidt, S., **Bartkowski, B.**, Lienhoop, N., Albert, C., Wittmer, H., 2019. *Incorporating environmental costs of ecosystem service loss in political decision making: A synthesis of monetary values for Germany*. *PLOS ONE* 14(2): e0211419. doi:[10.1371/journal.pone.0211419](https://doi.org/10.1371/journal.pone.0211419)
- **Bartkowski, B.**, Lienhoop, N., 2019. *Deliberative Monetary Valuation*, in: *Oxford Research Encyclopedia in Environmental Science*, section *Environmental Economics*. doi:[10.1093/acrefore/9780199389414.013.595](https://doi.org/10.1093/acrefore/9780199389414.013.595)
- **Bartkowski, B.**, 2019. *Valuation of Biodiversity*, in: *Oxford Research Encyclopedia of Environmental Science*, section *Environmental Economics*. doi:[10.1093/acrefore/9780199389414.013.459](https://doi.org/10.1093/acrefore/9780199389414.013.459)
- **Bartkowski, B.**, 2019. *CRISPR/Cas, Precaution and Democracy: The Challenging Governance of a Rapidly Changing Technology*, in: Dürnberger, C., Pfeilmeier, S., Schleissing, S. (Eds.), *Genome Editing in Agriculture. Between Precaution and Responsibility*. Nomos. ISBN 978-3-8487-5518-9. Pp. 181–198.
- **Bartkowski, B.**, Hansjürgens, B., 2019. *Risk and uncertainty as source of economic value of biodiversity and ecosystem services*, in: Schröter, M., Bonn, A., Klotz, S., Baeßler, C. (Eds.), *Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses*. Springer, Dordrecht, New York. ISBN 978-3-319-96229-0. Pp. 21–24.
- 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.**, Theesfeld, I., Pirscher, F., Timaeus, J., 2018. *Snipping around for food: Economic, ethical and policy implications of CRISPR/Cas genome editing*. *Geoforum* 96C: 172–180. doi:[10.1016/j.geoforum.2018.07.017](https://doi.org/10.1016/j.geoforum.2018.07.017)
- **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)
- Helming, K., Daedlow, K., Paul, C., Techen, A.-K., Bartke, S., **Bartkowski, B.**, Kaiser, D., Wollschläger, U., Vogel, H.-J., 2018. *Managing soil functions for a sustainable bioeconomy – assessment framework and state of the art*. *Land Degradation & Development* 29(9): 3112–3126. doi:[10.1002/ldr.3066](https://doi.org/10.1002/ldr.3066)
- Strunz, S., **Bartkowski, B.**, 2018. *Degrowth, the project of modernity, and liberal democracy*. *Journal of Cleaner Production* 196, 1158–1168. doi:[10.1016/j.jclepro.2018.06.148](https://doi.org/10.1016/j.jclepro.2018.06.148)
- Pirscher, F., **Bartkowski, B.**, Theesfeld, I., Timaeus, J., 2018. *Nature-identical outcomes, artificial processes: Governance of CRISPR/Cas genome editing as an ethical challenge*, in: James, H.S. (Ed.), *Ethical Tensions from New Technology: The Case of Agricultural Biotechnology*. CABI, Oxfordshire, Boston. ISBN 978-1-78639-464-4. Pp. 137–150.
- Ziv, G., Hassall, C., **Bartkowski, B.**, Cord, A., Kaim, A., Kalamandeen, M., Landaverde, P., Melo, J., Seppelt, R., Shannon, C., Václavík, T., Zoderer, B., Beckmann, M., 2018. *A bird's eye view over ecosystem services in Natura 2000 sites across Europe*. *Ecosystem Services* 30, 287–298. doi:[10.1016/j.ecoser.2017.08.011](https://doi.org/10.1016/j.ecoser.2017.08.011)
- **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)
- Droste, N., **Bartkowski, B.**, 2018. *Ecosystem Service Valuation for National Accounting: A Reply to Obst, Hein and Edens (2016)*. *Environmental and Resource Economics* 71(1), 205–215. doi:[10.1007/s10640-017-0146-3](https://doi.org/10.1007/s10640-017-0146-3)
- Strunz, S., **Bartkowski, B.**, Schindler, H., 2017. *Is there a monetary growth imperative?*, in: Victor, P., Dolter, B. (Eds.), *Handbook on Growth and Sustainability*. Edward Elgar, Cheltenham. ISBN 978-1-78347-355-7. Pp. 460–503.
- **Bartkowski, B.**, 2017. *Economic Valuation of Biodiversity: An Interdisciplinary Conceptual Perspective*. Routledge, New York. ISBN 978-1-138-03936-0 [hardback]; 978-0-367-15238-3 [paperback].
- **Bartkowski, B.**, 2017. *Degrowth, organic agriculture and GMOs: A reply to Gomiero (2017, JCLEPRO)*. *Journal of Cleaner Production* 168, Part C, 904–907. doi:[10.1016/j.jclepro.2017.09.079](https://doi.org/10.1016/j.jclepro.2017.09.079)
- Cord, A.F., **Bartkowski, B.**, Beckmann, M., Dittrich, A., Hermans-Neumann, K., Kaim, A., Lienhoop, N., Locher-Krause, K., Priess, J., Schröter-Schlaack, C., Schwarz, N., Seppelt, R., Strauch, M., Václavík, T., Volk, M., 2017. *Towards systematic analyses of ecosystem service trade-offs and synergies: Main concepts, methods and the road ahead*. *Ecosystem Services* 28, Part C, 264–272. doi:[10.1016/j.ecoser.2017.07.012](https://doi.org/10.1016/j.ecoser.2017.07.012)
- Klauer, B., **Bartkowski, B.**, Manstetten, R., Petersen, T., 2017. *Sustainability as a Fair Bequest: An Evaluation Challenge*. *Ecological Economics* 141, 136–143. doi:[10.1016/j.ecolecon.2017.06.001](https://doi.org/10.1016/j.ecolecon.2017.06.001)
- **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)
- Dittrich, A., von Wehrden, H., Abson, D.J., **Bartkowski, B.**, Cord, A.F., Fust, P., Hoyer, C., Kambach, S., Meyer, M.A., Radzevičiūtė, R., Nieto Romero, M., Seppelt, R., Beckmann, M., 2017. *Mapping and analysing historical indicators of ecosystem services in Germany*. *Ecological Indicators* 75, 101–110. doi:[10.1016/j.ecolind.2016.12.010](https://doi.org/10.1016/j.ecolind.2016.12.010)

- **Bartkowski, B.**, Lienhoop, N., 2017. *Democracy and valuation—a reply to Schläpfer (2016)*. Ecological Economics 131, 557–560. doi:[10.1016/j.ecolecon.2016.05.011](https://doi.org/10.1016/j.ecolecon.2016.05.011)
- **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)
- Lienhoop, N., **Bartkowski, B.**, Hansjürgens, B., 2015. *Informing biodiversity policy: The role of economic valuation, deliberative institutions and deliberative monetary valuation*. Environmental Science & Policy 54, 522–532. doi:[10.1016/j.envsci.2015.01.007](https://doi.org/10.1016/j.envsci.2015.01.007)
- Iliopoulos, C.N., Valentinov, V., Kvartiuk, V., **Bartkowski, B.**, 2013. *Government–third sector relations in European rural development: A critical perspective*. Nonprofit Policy Forum 4, 65–80. doi:[10.1515/npf-2013-0001](https://doi.org/10.1515/npf-2013-0001)

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 (intermediary)

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), history, fantasy and science fiction literature, European cinema, jazz, basketball, blogging (<https://skeptischeoekonomie.net>), Wikipedia