

BARTOSZ BARTKOWSKI

CURRICULUM VITAE

CONTACT INFORMATION

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| Email | bartosz.bartkowski@ufz.de |
| Address | Helmholtz Centre for Environmental Research – UFZ, Department of Economics, Permoserstraße 15, D-04318 Leipzig, Germany |
| Phone | +49 341 235 482402 |
| Institutional homepage | http://www.ufz.de/index.php?en=38757 |
| Personal homepage | https://www.bartoszbartk.com |
| Publications | ORCID ResearchGate |
| Peer review | Publons |
| Sci comm | Twitter Blog |
| Code & data | GitHub |

ACADEMIC CAREER

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| Since 2022 | Head (jointly with Andrea Kaim) of the junior research group AgriScape at UFZ Leipzig, Department of Economics |
| 2016–2022 | Post-doc at UFZ Leipzig, Department of Economics |
| 2017–2022 | Teaching appointment (Lehrauftrag) at Hochschule Anhalt, Bernburg |
| 2013–2016 | PhD student at UFZ Leipzig, Department of Economics (fellow of the Helmholtz Research School ESCALATE) |

EDUCATION

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

ACADEMIC FUNCTIONS AND POSITIONS

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| Since 2022 | Head of the Working Group Land Use, Ecosystem Services and Biodiversity |
| Since 2019 | Coordinator of UFZ graduate school AGRI-TRANSFORM (Leverage Points for the Transformation to an Environmentally Sustainable Agriculture) |

TEACHING

- 2017–2022 *Naturschutzökonomie (Nature Conservation Economics)* at Hochschule Anhalt in Bernburg
- 2022 *Economics of Social–Ecological Systems*, online guest lecture at Aarhus University
- 2021 *Agrarumweltpolitik*, guest lecture at Hochschule Anhalt, Bernburg
- 2021, 2020 *Degrowth: The Only Real Sustainability Strategy, Misguided Marketing of a Great Idea or the Other Growth Fetishism?*, online guest lecture at Vrije Universiteit Amsterdam
- 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
- 2018 *Deliberative Monetary Valuation*, guest lecture at University of Kassel, Witzenhausen
- 2017 *Ökonomische Bewertung*, guest lecture at University of Halle
- 2017 *Umweltpolitik*, guest lecture at TU Berlin

SUPERVISION & MENTORING

- 2023– Malin Gütschow, *Farmers’ behavioural responses to agri-environmental policy* (working title)
- 2023– Johannes Linde, *Economic valuation of multifunctional agricultural landscapes* (working title)
- 2022– Charlotte Schüßler, PhD thesis, *Moral disengagement in sustaining environmentally damaging food production and demand* (working title)
- 2020– Marta Bonato, PhD thesis, *Exploring agricultural diversification strategies to foster landscape multifunctionality* (working title)
- 2020 Malin Gütschow, Master’s thesis (Uni Leipzig), *Farmers’ Action Space and Barriers to the Implementation of Climate Change Mitigation Practices in Agriculture: The Case of Saxon Arable Farming*
- 2019– Marieke Baaken, PhD thesis, *Behavioural insights and adequate policy responses for sustainable agriculture* (working title)
- 2018 Lea Siebert, Master’s thesis (TU Berlin), *Energy crops and erosion control in Germany in the context of the Bioeconomy Strategy*
- Mentoring Mansi Nagpal (PhD student; since 2020), Katrina Chan (PhD student; 2020–2022)

PROJECT ACQUISITION

- 2022 BIOcean5D: Marine Biodiversity Assessment and Prediction Across Space, Time and Human Scales [Horizon Europe]
- 2022 AgriScape – Zielkonflikte auf dem Weg zu multifunktionalen Agrarlandschaften [BMBF/SÖF-Nachwuchsgruppen]
- 2021 CAP4GI – Leverages and potentials in the Common Agricultural Policy for improved support of Green Infrastructure, biodiversity and ecosystem services

[BMBF]

- 2021 BonaRes – Centre for Soil Research (3rd funding phase) [BMBF]
2017 BonaRes – Centre for Soil Research (2nd funding phase) [BMBF]

UNSUCCESSFUL GRANT AND PROJECT PROPOSALS

- 2022 Call: Horizon Europe, HORIZON-CL5-2022-D1-01-03 [WP lead]
2022 Call: Biodiversa+, Supporting the Protection of Biodiversity and Ecosystems Across Land and Sea [WP lead]
2020 Call: Volkswagen Foundation, Global Issues – Integrating Different Perspectives on Heritage and Change [Coordination]
2020 Call: Horizon2020, FETPROACT-EIC-08-2020 [Partner]
2020 Call: Robert Bosch Postdoc Academy for Transformational Leadership
2020 Call: BMBF FONA, Wertschätzung und Sicherung von Biodiversität in Politik, Wirtschaft und Gesellschaft [Coordination]
2020 Call: Horizon 2020, SFS-01-2019 topic “Biodiversity in action: across farmland and the value chain” [Partner]
2017 Call: BMBF, Rebound-Effekte aus sozial-ökologischer Perspektive [Partner]

SESSIONS ORGANIZED AT CONFERENCES

- 2021 *Farmer typologies for agri-environmental policy analysis and design: Methods, uses and insights* (co-chair), Landscape Conference 2021, online
2020 *Gesellschaftliche Spannungen bei der Akzeptanz neuer Pflanzenzüchtungsverfahren: moralische Werthaltungen und ethische Argumente* (moderator), GEWISOLA 2020 Conference, online
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* (chair), INSPIRATION World Soil Day Conference, Brussels

INVITED TALKS

- 2022 *Zwischen Negativemissionen und Klimaanpassung: Agrarumweltpolitik in Zeiten des Klimawandels*, invited talk at Public Climate School
2022 *Carbon Farming & Humuszertifikate: Ein aussichtsreicher Ansatz für Klimaschutz in der Landwirtschaft?*, invited talk at IAK Consulting
2020 *Vielfalt von Lösungen für vielfältige Landschaften: Landnutzungspolitik in Zeiten der Biodiversitätskrise*, invited talk at Public Climate School (<https://www.youtube.com/watch?v=UFQL0IEJrU0>)
2019 *Ökologische Ökonomik & Degrowth*, invited talk at the annual congress of ND.Christsein, Dresden

- 2017 *Are diverse ecosystems more valuable?*, invited talk at workshop “Valuation of grassland species diversity and related ecosystem services in Europe”, ETH Zürich
- 2017 *Am Gelde hängt doch alles? Mythos monetärer Wachstumszwang*, invited talk at workshop “Wachstumszwang”, University Witten/Hardecke

OTHER SCIENCE COMMUNICATION ACTIVITIES

- 2022 Impulse talk (*Eckpunkte eines institutionellen Rahmens für die Bioökonomie*) and participation in panel discussion at NABU Online Talk *Welche Ökonomie braucht die Bioökonomie?*
- 2022 Online discussion as expert with representatives of German and Austrian farmers’ associations on EU’s Nature Restoration Targets
- 2022 Expert interview in the DLG podcast on Carbon Farming (<https://www.dlg.org/de/landwirtschaft/themen/podcast>; Folge 13)
- 2021 Online discussion as expert with 6th grade students about the documentary *2040: Join the Regeneration* during SchulKinoWoche
- 2016 Authorship of introductory text on [Ecological Economics](#) for Exploring Economics

Blogs:

- Regular contributions on [Skeptische Ökonomie](#)
- [Performance indicators for agricultural economic journals](#), WUR Economics blog, 2022.
- [Performance-Indikatoren für agrarökonomische Zeitschriften](#), Agrarpolitik-Blog, 2022.
- [Agrarumweltpolitik in heterogenen Landschaften: die Kunst der Abwägung](#), Progressive Agrarwende, 2021.
- [Warum wir anders einkaufen als wir wählen](#), Agrarpolitik-Blog, 2020.
- [A synthesis of journal rankings in Agricultural Economics and Environmental & Resource Economics](#), Agrarpolitik-Blog, 2019.
- [Wem gehört der Boden? Eine institutionenökonomische Perspektive auf Boden-Ökosystemleistungen](#), ESP-DE, 2018.
- [Warum ein vielfältiges Ökosystem ökonomisch wertvoller ist](#), ESP-DE, 2017.
- [Der Wert von Biodiversität als Ausdruck unseres Wissens](#), Umweltforsch, UFZ, 2015.
- [Anthropozentrismus oder Über die unbegründete Dämonisierung von Konzepten](#), Umweltforsch, UFZ, 2014.
- [Ökonomische Bewertung der Natur – die Wurzel alles Bösen?](#), Umweltforsch, UFZ, 2014.

AWARDS

- 2022 Participation in the 7th Lindau Meeting on Economic Sciences (invitation in 2020, postponed due to COVID-19 pandemic)
- 2017 Kurt Rothschild Prize for Economic Journalism as co-author of [Exploring Economics](#)

MEMBERSHIPS

European Association of Environmental and Resource Economists (EAERE)
European Association of Agricultural Economists (EAAE)
Agricultural Economics Society (AES)
German Association of Agricultural Economists (GEWISOLA)
European Network of Early Career Agricultural Economists (AgEconMeet)

Result-Based Payments Network

REVIEWER ACTIVITY

Funding bodies: UKRI/NCER

Journals: Agricultural Systems, Agriculture and Human Values, Agronomy, Australian Journal of Agricultural and Resource Economics, Behavioral Public Policy, Biological Conservation, Ecological Economics, Ecosystem Services, Ecosystems and People, Environmental Policy and Governance, Environmental Processes, Environmental Research Letters, Environmental Science and Policy, Environmental Science and Pollution Research, Environmental Values, European Review of Agricultural Economics, Frontiers in Ecology and Evolution, International Journal of Environmental Research and Public Health, Journal of Applied Ecology, Journal of Cleaner Production, Journal of Environmental Economics and Management, Journal of Environmental Planning and Management, Journal of Environmental Management, Land Use Policy, Mitigation and Adaptation Strategies for Global Change, Nature Communications, Ocean & Coastal Management, *Economia – History / Methodology / Philosophy*, PLOS ONE, Public Administration, Q Open, Regional Environmental Change, Science Advances, Sustainability, Trends in Food Science and Technology

INTERESTS

Philosophy (especially political theory, ethics and epistemology), social psychology, linguistics, history, fantasy and science fiction literature, arthouse cinema, avant-garde jazz, basketball, hiking, blogging (<https://bartoszbartk.com/blog-skeptische-okonomie/>), editing Wikipedia

PUBLICATIONS

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|---|------------------|
| # peer-reviewed journal publications | 36 |
| ...as 1 st author | 18 |
| # citations (Scopus/WoS/Google Scholar) | 705 / 634 / 1234 |
| h-index (Scopus/WoS/Google Scholar) | 13 / 12 / 18 |

Peer-reviewed journals:

- Paul, C., **Bartkowski, B.**, Dönmez, C., Don, A., Mayer, S., Steffens, M., Weigl, S., Wiesmeier, M., Wolf, A., Helming, K., 2023. Carbon farming: Are soil carbon certificates a suitable tool for climate change mitigation? *Journal of Environmental Management* 330:117142. doi:[10.1016/j.jenvman.2022.117142](https://doi.org/10.1016/j.jenvman.2022.117142)
- **Bartkowski, B.**, Massenber, J.R., Lienhoop, N., 2022. Investigating preferences for soil-based ecosystem services. *Q Open* 2(2):qoac035. doi:[10.1093/qopen/qoac035](https://doi.org/10.1093/qopen/qoac035)
- **Bartkowski, B.**, Schepanski, K., Bredenbeck, S., Müller, B., 2022. Wind erosion in European agricultural landscapes: More than physics. *People and Nature*. doi:[10.1002/pan3.10418](https://doi.org/10.1002/pan3.10418)
- Möckel, S., Baaken, M., **Bartkowski, B.**, Henn, E.V., Strauch, M., Stubenrauch, J., 2022. Zukunftsfähige Agrarlandschaften in Deutschland – Ziele und Anforderungen aus ökologischer, ökonomischer und rechtlicher Sicht. *Natur und Recht* 44:611–621. doi:[10.1007/s10357-022-4073-x](https://doi.org/10.1007/s10357-022-4073-x)
- **Bartkowski, B.**, Massenber, J.R., Lienhoop, N., 2022. Data on public preferences for soil-based ecosystem services in Germany. *Data in Brief* 108371. doi:[10.1016/j.dib.2022.108371](https://doi.org/10.1016/j.dib.2022.108371)
- Finger, R., Droste, N., **Bartkowski, B.**, Ang, F., 2022. A note on performance indicators for agricultural economic journals. *Journal of Agricultural Economics* 73(2):614–620. doi:[10.1111/1477-9552.12473](https://doi.org/10.1111/1477-9552.12473)

- **Bartkowski, B.**, Schüßler, C., Müller, B., 2022. Typologies of European farmers: approaches, methods and research gaps. *Regional Environmental Change* 22:43. doi:[10.1007/s10113-022-01899-y](https://doi.org/10.1007/s10113-022-01899-y)
- Gütschow, M., **Bartkowski, B.**, Felipe-Lucia, M., 2021. Farmers' action space to adopt sustainable practices: a study of arable farming in Saxony. *Regional Environmental Change* 21:103. doi:[10.1007/s10113-021-01848-1](https://doi.org/10.1007/s10113-021-01848-1)
- **Bartkowski, B.**, Bartke, S., Hagemann, N., Hansjürgens, B., Schröter-Schlaack, C., 2021. Application of the Governance Disruptions Framework to German agricultural soil policy. *SOIL* 7: 495–509. doi:[10.5194/soil-7-495-2021](https://doi.org/10.5194/soil-7-495-2021)
- **Bartkowski, B.**, 2021. Don't throw efficiency out with the bathwater: A reply to Jeffery and Verheijen (2020). *Environmental Science and Policy* 122: 72–74. doi:[10.1016/j.envsci.2021.04.011](https://doi.org/10.1016/j.envsci.2021.04.011)
- **Bartkowski, B.**, Droste, N., Ließ, M., Sidemo-Holm, W., Weller, U., Brady, M.V., 2021. Payments by modelled results: a novel design for agri-environmental schemes. *Land Use Policy* 102: 105230. doi:[10.1016/j.landusepol.2020.105230](https://doi.org/10.1016/j.landusepol.2020.105230)
- Kaim, A., **Bartkowski, B.**, Lienhoop, N., Schröter-Schlaack, C., Volk, M., Strauch, M., 2021. Combining biophysical optimization with economic preference analysis for agricultural land use allocation. *Ecology & Society* 26(1). doi:[10.5751/ES-12116-260109](https://doi.org/10.5751/ES-12116-260109)
- D'Amato, D., **Bartkowski, B.**, Droste, N., 2020. Reviewing the interface of bioeconomy and ecosystem service research. *Ambio* 49(12): 1878–1896. doi:[10.1007/s13280-020-01374-0](https://doi.org/10.1007/s13280-020-01374-0)
- Baum, C.M., **Bartkowski, B.**, 2020. It's not all about funding: Fostering interdisciplinary collaborations in sustainability research from a European perspective. *Energy Research & Social Science* 70: 101723. doi:[10.1016/j.erss.2020.101723](https://doi.org/10.1016/j.erss.2020.101723)
- **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. *Frontiers in Environmental Science* 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.**, 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)
- 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.**, 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.**, 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)

- 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)
- 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)
- 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)
- **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)

Other journals:

- **Bartkowski, B.**, 2018. Nach uns die Sintflut? Degrowth und die Suche nach Alternativen zum Wachstumsparadigma. *Hirschberg* 71, 428–431.
- Schindler, H., Strunz, S., **Bartkowski, B.**, 2017. Am Gelde hängt doch alles? – Mythos monetärer Wachstumszwang. *Ökologisches Wirtschaften* 32, 23–25.

Books:

- **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].

Book chapters and encyclopaedia entries:

- **Bartkowski, B.**, Massenberg, J.R., in press. The Economics of Soils' Contribution to Human Well-Being, in: Goss, M.J., Oliver, M.A. (Eds.), *Encyclopedia of Soils in the Environment*, 2nd edition. Elsevier. doi:[10.1016/B978-0-12-822974-3.00052-5](https://doi.org/10.1016/B978-0-12-822974-3.00052-5)
- Schaafsma, M., **Bartkowski, B.**, 2020. Synergies and trade-offs between ecosystem services, in: Leal Filho, W., Gökçin Özuyar, P., Pace, P.J., Marisa Azul, A., Londero Brandli, L., Wall, T. (Eds.), *Encyclopedia of the UN Sustainable Development Goals. Life on Land*. Springer, Cham. doi:[10.1007/978-3-319-71065-5_117-1](https://doi.org/10.1007/978-3-319-71065-5_117-1)
- **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.
- Hansjürgens, B., Möckel, S., **Bartkowski, B.**, 2019. Boden und Bodenschutz als zentrales Handlungsfeld der Umweltpolitik, in: Dabrowski, M., Wolf, J., Abmeier, K. (Eds.), *Umweltpolitik: global und gerecht*. Ferdinand Schöningh: Paderborn. ISBN 978-3-506-70576-1. Pp. 111–144.
- 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.
- 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.**, 2015. Ein Konzept zur ökonomischen Bewertung der Biodiversität, in: Feit, U., Korn, H. (Eds.), *Treffpunkt Biologische Vielfalt XIV: Aktuelle Forschung im Rahmen des Übereinkommens über die Biologische Vielfalt vorgestellt auf einer wissenschaftlichen Expertentagung an der Internationalen Naturschutzakademie Insel Vilm vom 25.-29. August 2014*, BfN-Skripten. Bundesamt für Naturschutz, Bonn.

Discussion/working papers:

- Droste, N., **Bartkowski, B.**, Finger, R., 2021. Hot topics in agricultural and environmental economics – a large-scale bibliometric analysis. LSR Working Paper Series 21/04.
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