

Dr. Brian Beadle

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[Google Scholar](#), [LinkedIn](#)

RESEARCH INTERESTS

Applied microeconometrics, Bayesian latent variable modeling, composite indicators, (agricultural) sustainability, subjective well-being

EDUCATION

PhD. Economics (<i>magna cum laude</i>)	2018 - 2023
Martin Luther University Halle-Wittenberg	Halle, DE
M.Sc. Socio-Ecological Economics and Policy	2015 - 2017
Vienna University of Economics and Business	Vienna, AT
B.Sc. Economics and Business Administration	2011 - 2014
University of Wisconsin - Stevens Point	Wisconsin, USA

WORK EXPERIENCE

Assistant Professor of Socially Responsible Management	2023 - Present
Northland College	Wisconsin, USA
Doctoral Researcher	2018 - 2023
Leibniz Institute of Agricultural Development in Transition Economies	Halle, DE
Teaching Assistant	Summer Semester, 2022
Martin Luther University Halle-Wittenberg	Halle, DE
Scientific Staff	2019
Poznań University of Economics and Business	Poznań, PL

CURRENT RESEARCH PROJECTS

- Title:** Modeling well-being using multidimensional Bayesian item response theory: An application of Amartya Sen's capability approach.
Organizing institution: Leibniz Institute of Agricultural Development in Transition Economies.
Role: Research Associate.
- Title:** Development of a resilient and sustainable irrigated rice cultivation system.
Organizing institution: Japan International Research Center for Agricultural Sciences.
Role: Research Associate.

PUBLICATIONS

Works in progress

1. An application of item response theory for agricultural sustainability measurement (with Stephan Brosig and Christoph Wunder). *Under review at the **Journal of Agricultural, Biological and Environmental Statistics**.*
2. A comparative analysis on the farm-level sustainability of conventional versus organic production in Germany (with Stephan Brosig). *R&R at the **Journal of Agricultural and Applied Economics***

Non-peer reviewed

1. Beadle, B., Brosig, S., and Wunder, C. (2023). Sustainability of farms producing non-food crops. *IAMO Annual 2023*.
2. Beadle, B., Brosig, S., Wunder, C. (2023). Agricultural sustainability index code. [GitHub repository]. Available at: https://github.com/brianbeadle/sustainability_index.
3. Beadle, B., Delgado Osorio, X., Gierke, M., Gorenflos, J., Perez-Bosch Quesada, E., Rizzi, T., Rohr, B. (2022). Being a Doctoral Researcher in the Leibniz Association: Perspectives on graduate school. *SSOAR*.
4. Beadle, B., Do, S., El Yousseoufi, D., Felder, D., Gorenflos López, J., Jahn, A., ... Weltin, M. (2020). Being a Doctoral Researcher in the Leibniz Association: 2019 Leibniz PhD Network survey report. *SSOAR*.

COURSES TAUGHT

Economics

1. **Introductory Econometrics** (undergraduate)
Faculty of Law, Economics, and Business, Martin Luther University
2. **Essentials of Economics** (undergraduate)
Faculty of Social Sciences, Northland College
3. **Financial Literacy for Everyone** (undergraduate)
Faculty of Social Sciences, Northland College

Sustainability

4. **Corporate Social Responsibility** (undergraduate)
Faculty of Social Sciences, Northland College

Business

5. **Legal and Ethical Environment of Business** (undergraduate)
Faculty of Social Sciences, Northland College
6. **Technology and Communication** (undergraduate)
Faculty of Social Sciences, Northland College

SELECTED PRESENTATIONS

1. Assessing changes to farm sustainability in the conversion to organic production. *Bamberg-Halle-Jena-Leipzig Workshop: Empirical Microeconomics/Applied Microeconometrics*. January, 2023. Leipzig, DE.
2. Analysis of (non-)food crop production and farm-level sustainability in Germany with the application of a multidimensional index for sustainable agriculture. *4th International Conference on Natural Resource Management and Public Policy*. October, 2021. Online.
3. Trends in non-food crop production and farm-level sustainability: A multidimensional analysis in German agriculture. *2021 IAMO Forum: Agrifood systems in the bioeconomy*. June, 2021. Online.
4. Multidimensional sustainability of farming systems: A composite indicator for German agricultural sustainability. *10th Bamberg-Halle-Jena-Leipzig Workshop on Empirical Microeconomics/Applied Microeconometrics*. July, 2020. Online.
5. Decoupling in an innovation-driven bioeconomy: A long wave perspective. *Early-Career Researcher Seminar on (New) Sustainable Economies*. November, 2019. Freiburg, DE.

AWARDS AND CERTIFICATES

- Doctoral Certificate in Agricultural Economics, 2023
- PhD Scholarship (3 years), 2020 - 2023
- DAAD Fellowship (6 months, teaching assistantship), 2022
- IAMO Alumni Prize, awarded to PhD Council, 2022
- Third-party funding certificate, 2019
- Empowerment and sensitivity training certificate, 2019

SERVICE

- Curriculum development for new sustainable vision of Northland College, 2024
- Member of Northland College Center for Rural Communities, 2023 - *present*
- Conference submission reviewer for annual IAMO Forum, 2019 - 2023
- Spokesperson for IAMO PhD Council, 2019 - 2022
- Organizer for annual IAMO PhD General Assemblies, 2019 - 2022
- Survey analyst for Leibniz PhD Network and N² Network, 2019 - 2022
- Conference assistant for Leibniz PhD Network General Assemblies, 2020 - 2021
- Conference assistant for annual IAMO Forum, 2018 - 2019
- Research coordinator for UWSP Economics Club, 2012 - 2013

MEMBERSHIPS

- Agricultural and Applied Economics Association (AAEA)
- American Economic Association (AEA)
- Western Agricultural Economics Association (WAEA)

SOFTWARE

Professional: STATA, \LaTeX , MS Office

Intermediate: R Statistical Software (including brms, shiny, ggplot2), Limesurvey

Basic: Python, Qualtrics

REFERENCES

Prof. Dr. Christoph Wunder

Chair of Econometrics, Martin Luther University Halle - Wittenberg

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Dr. Stephan Brosig

Research Associate, IAMO

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