

# JASMIN WEHNER

Web: <https://wehnerjasmin.github.io/> ◇ Email: [jw2754@cornell.edu](mailto:jw2754@cornell.edu)

## RESEARCH INTERESTS

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Agricultural methane emissions, Climate change adaptation, Applied machine learning, and Sustainable Food Systems

## EMPLOYMENT

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### Cornell University

*Postdoctoral Associate*

01/2025 – present

*Visiting Graduate Researcher*

10/2024 – 12/2024

USA

1) *Assessing the Scale, Longevity and Equity of Methane Emission Reduction from Dairy Anaerobic Digester Systems*

2) *Market Opportunities to Reduce Dairy Farm Enteric Methane Emissions: Assessing producer and consumer acceptance of feed additives*

### European Food Safety Authority

02/2020 – 07/2021

*Data Analyst*

Italy

### Potsdam Institute for Climate Impact Research

04/2018 – 01/2020

*Research Assistant*

Germany

## EDUCATION

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### Georg August Universität Göttingen

09/2021 – 10/2024

*PhD Program in Agricultural Economics*

Germany

*Research Training Group Sustainable Food Systems*

*Title: “Climate Change Adaption and Market Power in the Dairy Sector”*

### Humboldt University of Berlin

10/2017 – 05/2021

*Master of Science in Agricultural Economics*

Germany

### Humboldt University of Berlin

10/2014 – 09/2017

*Bachelor of Science in Economics*

Germany

## PEER-REVIEWED PUBLICATIONS

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Maruejols, L., **Wehner, J.**, Hoeschle, L., & Yu, X. (2025). Gravity With Lasso: Global Cereal Trade With Factors of Conflicts, COVID-19, Currency, China, Climate Change and Income (‘6C’). *The World Economy. Modern Agriculture*, 1–27. <https://doi.org/10.1111/twec.70033>

Liu, S., **Wehner, J.**, Feil, J.-H., & Yu, X. (2025). Harmony, Conflict, and Evolution of the Common Agricultural Policy in Europe: A Text Mining Survey. *Modern Agriculture*, 1–14. <https://doi.org/10.1002/agr.21854>

**Wehner, J.**, & Yu, X. (2023). Carbon tax on milk products and the exact consumer welfare measure in emerging economies. *Agribusiness*, 1–29. <https://doi.org/10.1002/agr.21854>

## TEACHING EXPERIENCE

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Teaching assistant 10/2019 - 10/2020  
Class: Social-Ecological Systems Analysis and Land Use Modeling of Climate Change Impacts  
Germany  
Tutoring for financially disadvantaged students 11/2022 - 10/2024  
Society “StudyTutors” Germany

## WORKING PAPERS

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- [1] “Farm level drivers of anaerobic digester installations on dairy farms across the US”  
*with Chris Wolf and Wendong Zhang*
- [2] “Developing a Multidimensional Resilience Index for Farm Households: A Food System Approach”.  
*with Margherita Squarcina, Juliane Hänsch, Florena M. Montoya Cepeda, Magdalena Pallauf, Bruno Paz, Jonas Stehl and Meike Wollni*
- [3] “Investigating market power in the German dairy industry.”  
*with Jan-Henning Feil and Xiaohua Yu*
- [4] “Drivers Of The Global Thirst For Milk.”  
*with Xiaohua Yu*

## WORK IN PROGRESS

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- [1] “Plastic Waste or Fewer Pesticides? Experimental Evidence on Consumer Preference Trade-offs in Sustainable Vegetable Production.”  
*with Tongzhe Li, Wendong Zhang, and Jingyi Tong*  
Pre-Registration at: AEARCTR-0016264
- [2] “Dairy Digester Installations: The Role of Ownership and Herd Expansion.”  
*with Wendong Zhang and Chris Wolf*  
Pre-Registration at: AEARCTR-0016447
- [3] “Effect of digester adoption on methane concentrations in California.”  
*with Lauren Beatty, Wendong Zhang, Mei Collins, and Dave McLaughlin*
- [4] “U.S. Consumer WTP for dairy feed additives”  
*with Wendong Zhang and Chris Wolf*

## CONFERENCES AND SEMINAR PRESENTATIONS

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**2025:** Cornell Food & Agriculture Economics Seminar (Ithaca, NY, US), XVIII EAAE Congress (Bonn, Germany), AAEE & WAEA Annual Meeting (Denver, CO, US), NAREA Annual Meeting (Burlington, VT, US) **2024:** 32rd ICAE (New Delhi, India), 5th SECU Congress (Leuven, Belgium) **2023:** XVII EAAE Congress (Rennes, France) **2022:** AgEconMeet (Göttingen, Germany)

## HONOURS AND ACHIEVEMENTS

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Career Advancement and Mentorship Program (\$400)	2025-2026
EXECON Scholarship (\$1,000)	2025
TRUST Scholarship (\$400)	2025

## JOURNAL SERVICE

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Reviewer for Agricultural Economics (1), Food Security (4), Science of the Total Environment (1), Agribusiness (1), Austrian Journal of Agricultural Economics and Rural Studies (1)

## ACADEMIC EXCHANGE

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<b>Cornell University</b> <i>Research Stay</i>	<i>09/2023 – 12/2023</i> <i>USA</i>
<b>Andràssy University Budapest</b> <i>Visiting student, Course work in International Economics and Business</i>	<i>09/2016 - 02/2017</i> <i>Hungary</i>

## REFERENCES

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Wendong Zhang, *Cornell University*, Email  
Chris Wolf, *Cornell University*, Email  
Xiaohua Yu, *Georg August Universität Göttingen*, Email

## OTHER

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<b>Languages</b>	German (mother tongue), English (proficient), Russian and French (basic)
<b>Statistical programming</b>	R, SAS and MS Excel (professional knowledge), Python (basic knowledge)
<b>Optimization modeling</b>	GAMS (basic knowledge)
<b>Survey tools</b>	Qualtrics (professional knowledge)