

# Wenjing Kuai

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## ACADEMIC APPOINTMENT

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- School of Economics and Trade, Hunan University** *Sept. 2025 – Present*  
*Associate Professor*
- School of Economics and Trade, Hunan University** *Jan 2022 – June 2025*  
*Assistant Professor*
- Teaching: Schools of Western Economic Thought, Microeconomics, Academic Writing

## EDUCATION

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- University of Birmingham** *Sept. 2017 – July 2021*  
*PhD in Economics*
- University of Birmingham** *Sept. 2016 – July 2017*  
*MSc in Environmental and Natural Resource Economics*
- Sichuan University** *Sept. 2010 – July 2014*  
*Bachelor of Management*

## RESEARCH INTERESTS

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- Environmental Economics, Labor Economics, Innovation Economics and International Trade
- With a particular focus on labor market impacts and distributional impacts of green economy transition; Measuring green jobs and skills; the environmental and labor market outcome of international trade

## ACADEMIC PUBLICATIONS

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### Peer-Reviewed Journal Articles

- Elliott, J.R. Robert, Kuai, Wenjing\*, Maddison, David, Ozgen, Ceren. Eco-innovation and (Green) Employment: A Task-based Approach to Measuring the Composition of Work in Firms. *Journal of Environmental Economics and Management*, 2024: 103015. DOI: [10.1016/j.jeem.2024.103015](https://doi.org/10.1016/j.jeem.2024.103015) [🔗](#)
- Kuai, Wenjing, Mi, Yinxia, Wang, Hui. Research on Green Employment: Definition, Measurement, and Development. *Qiushi Journal*, 2025(02). (in Chinese) DOI: [10.19667/j.cnki.cn23-1070/c.2025.02.007](https://doi.org/10.19667/j.cnki.cn23-1070/c.2025.02.007) [🔗](#)
- Qiu, Lei, Wang, Hongyan, Kuai, Wenjing, Wang, Hui, Lin, Weifen. How Does Energy Supply Affect Regional Entrepreneurship? Evidence from the West-to-East Natural Gas Transmission Project in China. *Applied Economics*, 2025(03). DOI: [10.1080/00036846.2025.2467285](https://doi.org/10.1080/00036846.2025.2467285) [🔗](#)
- Li, Jiaman, Dong, Kangyin, Kuai, Wenjing. The Impact of Environmental Regulation on Green Trade and Its Spatial Spillover Effect. *Journal of Lanzhou University (Social Sciences)*, 2024, 52(06): 76–91. (in Chinese) DOI: [10.13885/j.issn.1000-2804.2024.06.005](https://doi.org/10.13885/j.issn.1000-2804.2024.06.005) [🔗](#)

### Research Reports

- Elliott, J.R. Robert, Ozgen, Ceren, Kuai, Wenjing. *Documenting the Evolution of Green Employment: A Task-Based Approach for the Netherlands*. Luxembourg: Publications Office of the European Union, 2024. DOI: [10.2767/83152](https://doi.org/10.2767/83152) [🔗](#)

### Working Paper

- Estimating the Green Wage Premium (with Elliott, J.R. Robert, Okubo, Toshihiro, Ozgen, Ceren). *IZA Discussing Papers No. 17878* [🔗](#)
- International Engagement and the Greenness of Manufacturing Firms (with Elliott, J.R. Robert, Okubo, Toshihiro, Ozgen, Ceren). *RIETI Discussing Papers* [🔗](#)

## RESEARCH PROJECTS

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### Principal Investigator

- *The Theoretical Mechanism, Effect Identification and Path Optimization of Green Transformation of Employment under the Impact of Low-carbon Transition*, National Natural Science Foundation of China (Grant No. 72504084), 2026–2028.
- *Assessing the Potential and Driving Paths for the Green Transition of Labor Employment in China*, Hunan Provincial Natural Science Foundation (Grant No. 2025JJ60445), 2025–2027.
- *Foreign Experts Project*, Ministry of Human Resources and Social Security of China (With Robert Elliott, Matthew Cole and Ceren Ozgen), 2024–2025.
- *Measuring the Scale and Exploring the Promotion Path of Green Employment in China*, Hunan Provincial Social Science Foundation (Grant No. 22JD008), 2022–2025.

### Co-Investigator



- *Research on the Model, Effects, and Coordination Mechanism of Green Location-Oriented Policies for Pollution and Carbon Reduction*, National Natural Science Foundation of China (General Program), 2024–2027.

### Collaborator

- *Energy Structure Transformation Path and Synergistic Mechanism under the “Dual Carbon” Goals*, National Social Science Foundation of China (Key Project), 2023–2025.
- *Green Jobs and Employment*, DG Employment, Social Affairs and Inclusion, European Commission, 2022.

## OTHER PROFESSIONAL AFFILIATIONS

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- Member , Big Data and Economics Research Network (BVRN), University of Birmingham and Vrije Universiteit Amsterdam
- Member , Innovative Team for Carbon Pricing and Intelligent Decision-Making (MOE), and the Center for Resource and Environmental Management, Hunan University
- Liaison Officer, Hunan University – University of Birmingham 2+2 Undergraduates Economics Program

## REFeree SERVICE

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- *Environmental and Resource Economics; Economic Modeling; Journal of Environmental Management*

## AWARDS AND HONORS

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- Full Scholarship, University of Birmingham, UK (2017–2020)
- Excellent Undergraduate Thesis Supervisor, Hunan University (2024)
- Excellent Undergraduate Internship Supervisor, Hunan University (2024)

## SKILLS

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- **Software:** STATA, R, Python, SPSS, LaTeX
- **Languages:** Chinese (Native), English (Fluent), Japanese (Basic)