

Ying Yu

135 Dauer Drive, Chapel Hill, NC 27599-7400 · Email: ying.yu@unc.edu

EDUCATION	The University of North Carolina at Chapel Hill	Chapel Hill, US
	<i>Environmental Sciences and Engineering</i>	May 2024 (expected)
	Xiamen University	Xiamen, China
	<i>Technology Economy & Management, Master of Management with merit</i>	Jun. 2020
	GPA: 3.9/4.0 (Rank: 1/14)	
	Université Jean Moulin Lyon III	Lyon, France
RESEARCH INTERESTS	<i>SELF Program</i>	Dec. 2018
	GPA: 15.03/20	
	Central China Normal University	Wuhan, China
	<i>Financial Engineering, Bachelor of Economics Sciences with merit</i>	Jun. 2017
	GPA: 88.98/100 (Rank: 1/41)	
	Environmental and Energy Economics (<i>climate-energy nexus; environmental performance evaluation</i>)	
SELECTED PAPERS	1. Dou, X., Hong, J., Ciais, P., Chevallier, F., Yan, F., Yu, Y. , et al. (2023). Near-real-time global gridded daily CO2 emissions 2021. <i>Scientific Data</i> , 10, 69.	
	2. Yu, Y. , Yamaguchi, K., Thuy, T.D., Kittner, N. (2022). Will the public in emerging economies support renewable energy? Evidence from Ho Chi Minh City, Vietnam. <i>Renewable and Sustainable Energy Reviews</i> , 169, 112942.	
	3. Yu, Y. , Yamaguchi, K., Kittner, N. (2022). How do imports and exports affect green productivity? New evidence from partially linear functional-coefficient models. <i>Journal of Environmental Management</i> , 308, 114422.	
	4. Liu, Z., Sun, T., Yu, Y. , et al. (2022). Near-Real-Time Carbon Emission Accounting Technology Toward Carbon Neutrality. <i>Engineering</i> , 14, 44-51.	
	5. Du, K., Yu, Y. , Li, J. (2020). Does international trade promote CO2 emission performance? An empirical analysis based on a partially linear functional-coefficient panel data model. <i>Energy Economics</i> , 92, 104983.	
	6. Du, K., Yu, Y. , Wei, C. (2020). Climatic impact on China's residential electricity consumption: Does the income level matter? <i>China Economic Review</i> , 63, 101520.	
Presentations	7. Bai, C., Du, K., Yu, Y. , Feng, C. (2019). Understanding the trend of total factor carbon productivity in the world: insights from convergence analysis. <i>Energy Economics</i> , 81, 698-708.	
	The 39th USAEE/IAEE North American Conference	Oct. 2022
	Interdisciplinary PhD Workshop in Sustainable Development 2022	Apr. 2022
	2020 Graduate Climate Conference	Nov. 2020
	The 37th USAEE/IAEE North American Conference	Nov. 2019
RESEARCH EXPERIENCE	Energy Equity Data Improvement	Feb. 2023-Present
	Working as a student PI and leading the US energy equity data improvement project under the Duke Energy Data Analytics Ph.D. Student Fellows program.	
	Climate-Energy-Health Equity Nexus	Aug. 2020-Present

	Research assistant for Dr. Noah Kittner, learning energy system modeling and working on the climate-energy-health equity nexus. Two of the project results were published.	
	Carbon Monitor	Aug. 2020-Present
	Research assistant for Dr. Zhu Liu, leading or working as a core member of five research projects and assisting in data collection, data visualization, data analysis, and paper drafting. Three of the project results were published.	
	Measuring Environmental Efficiency under Heterogeneous Technologies and Spatial Correlation: Method and Application	Dec. 2018-Jun. 2020
	Research assistant for Dr. Kerui Du, learned methodologies including DEA, SFA, DID, and partially linear functional-coefficient panel data model, assisted in proposal conceptualizing and writing, conducted data analysis, and wrote three academic papers, all of which have been published.	
	Low-carbon Development in China	Sept.-Dec. 2017
	Research assistant for Dr. Boqiang Lin, assisted in report writing for the State Grid, namely “Selection of Henan Energy Route under Low-carbon Development,” and “Development Mode and Layout Strategy of EV Charging Facilities.”	
ON-CAMPUS WORK EXPERIENCE	Teaching Assistant	Chapel Hill, US Jan. 2023-May 2023
	Teaching assistant in Energy Modeling for Environment and Public Health, assisted in grading assignments and answering questions.	
	Teaching Assistant	Xiamen, China Sept. 2019-Jan. 2020
	Teaching assistant in Macroeconomics, assisted in grading assignments and answering questions.	
	Teacher Assistant	Xiamen, China Sept. 2017-Jun. 2018
	Assisted Dr. Presley Wesseh in data collection, document translation, and literature review.	
HONORS AND AWARDS	UNC Doctoral Dissertation Completion Fellowship	Mar. 2023
	Duke-Sloan Summer Fellowship in Energy Data Analytics	Feb. 2023
	Tang Lixin Scholarship, <i>Top 0.1% only</i>	Oct. 2019
	National Scholarship, <i>Top 0.2% only</i>	Oct. 2019
	National Scholarship, <i>Top 0.2% only</i>	Nov. 2018
	University Scholarship, <i>Top 5% only</i>	Apr. 2018
	National Scholarship, <i>Top 0.2% only</i>	Nov. 2016
	University Scholarship, <i>Top 5% only</i>	Nov. 2015
	University Scholarship, <i>Top 5% only</i>	Nov. 2014
EXTRA- CURRICULAR ACTIVITIES	Berkeley Summer Camp in Environmental & Energy Economics	Aug. 2022
	Learned state-of-the-art topics in environmental and energy economics, obtained a \$1000 fellowship and mentored by Dr. Maximilian Auffhammer on the dissertation proposal.	
	Summer School in Econometrics and Statistics	Jul. 2019
	Learned cutting-edge models in econometrics through the Econometric Society’s summer camp, such as the spatial econometrics taught by Dr. Lung-Fei Lee, especially interested in semi-parametric and nonlinear models.	
OTHERS	Languages: English (IELTS/7), Japanese (N1/ 123), Mandarin (Native).	
	Software: Stata (Advanced), R (Intermediate), ArcGIS (Intermediate).	