

Luoye Chen

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ACADEMIC POSITIONS

Assistant Professor 2022-
Innovation, Policy, and Entrepreneurship Thrust, Society Hub
Hong Kong University of Science and Technology (Guangzhou)

EDUCATION

University of Illinois at Urbana-Champaign *Ph.D. in Applied Economics* 2022
Peking University *Master in Economics* 2016
Peking University *Bachelor in Management* 2014
Peking University *Bachelor in Economics (Minor)* 2014

WORKING PAPERS

- Luoye Chen and Madhu Khanna, “Weather Shocks, Economic Triggers, and Cropland Change in the US: A Fine-scale Spatial Analysis”
- Luoye Chen and Madhu Khanna, “Known and Unknown: Uncertainty in Estimating Land use Change from Satellite Data”
- Luoye Chen and Madhu Khanna, “Heterogeneous Effects of a Changing Climate on Bird Biodiversity and Adaptability” (*Under Review*).
- Xiaoguang Chen, Luoye Chen, Wei Xie, Nathan Mueller, Steven Davis, “Air Pollution and Flight Delays in China” *Revise and Resubmit, Journal of Environmental Economics and Management*. (senior authorship is jointly shared by Xiaoguang Chen, Luoye Chen, and Wei Xie)

PEER-REVIEWED PUBLICATIONS

- **Luoye Chen**, Elena Blanc-Betes, Tara W. Hudiburg, Daniel Hellerstein, Steven Wallander, Evan H. DeLucia, Madhu Khanna, 2021. “Assessing the Returns to Land and Greenhouse Gas Savings from Producing Energy Crops on Conservation Reserve Program Land.” *Environmental Science & Technology*. (IF: 9.028, lead author) [LINK]
- **Luoye Chen**, Deepayan Debnath, Jia Zhong, Kelsie Ferin, Andy VanLoocke, and Madhu Khanna, 2021. “The Economic and Environmental Costs and Benefits of the Renewable Fuel Standard.” *Environmental Research Letters*. (IF: 6.793, lead author) [LINK]
- Kelsie M. Ferin, **Luoye Chen**, Jia Zhong, Sarah Acquah, Emily A. Heaton, Madhu Khanna, and Andy VanLoocke, 2021. “Water Quality Effects of Economically Viable Land Use Change in the Mississippi River Basin under the Renewable Fuel Standard.” *Environmental Science & Technology*. (IF: 9.028, second author) [LINK]
- Madhu Khanna, **Luoye Chen**, Bruno Basso, Ximing Cai, John Field, Kaiyu Guan, Chongya Jiang, Tyler Lark, Tom Richard, Seth Spawn-Lee, Peng Yang, 2021. “Redefining Marginal Land for Bioenergy Crop Production.” *GCB Bioenergy*. (IF: 4.745, second author) [LINK]
- Chongya Jiang, Kaiyu Guan, Madhu Khanna, **Luoye Chen**, Jian Peng, 2021. “Assessing Marginal Land Availability Based on Land Use Change Information in the Contiguous United States.” *Environmental Science & Technology*. (IF: 9.028, contribute author) [LINK]
- Shengxiao Li, **Luoye Chen**, Pengjun Zhao, 2019. “The Impact of Metro Services on Housing Prices: a Case Study from Beijing.” *Transportation*. (IF: 5.192, second author) [LINK]

SELECTED PRESENTATIONS

- “Weather Shocks and Economic Triggers of Cropland Change in the US: A Fine-scale Spatial Analysis”

American Geophysical Union (**AGU**) annual meeting (virtual), Nov 2020.

American Economic Association (**AEA**) annual meeting (virtual), Jan 2021.

Association of Environmental and Resource Economics (**AERE**) annual meeting (virtual), Jun 2021.

Agricultural and Applied Economics Association (**AAEA**) annual meeting, Austin, Aug 2021.

- “Fowl Climate: Assessing the Heterogeneous Impact of Climate Change on Bird Biodiversity in United States”

22nd international Biodiversity and Economics for Conservation Conference (**BIOECON XXII**), Wyoming, Sep 2021.

AERE annual meeting, Lake Tahoe, Jun 2019.

AAEA annual meeting, Poster Presentation, Washington DC, Aug 2018.

SERVICE

Reviewer: Research in Transportation Economics, Environmental Research Letters

Abstract Reviewer: Agricultural and Applied Economics Association (AAEA) Annual Meeting (2022)

TEACHING

ACE MS/MAAE Students Summer Math Workshop, UIUC

Instructor with full responsibility (Graduate module, 2021)

ACE 592: Data Science for Applied Economics, UIUC

Guest Speaker (Graduate module, 2021)

ACE 261: Applied Statistical Methods, UIUC

Teaching Assistant (Undergraduate module, 2020)

FELLOWSHIPS AND AWARDS

Outstanding Ph.D. Student (<i>ACE Department Award for top two graduate students</i>)	2021
ACES Fellowship	2016-2017
Peking University Outstanding Graduate Student	2016
Peking University Graduate Fellowship	2014-2015
China National Scholarship	2012

MISCELLANEOUS

- Computer Skills: Python, Stata, R, ArcGIS/QGIS, GAMS, \LaTeX
- Languages: English(fluent), Chinese(native)
- Affiliations: Agricultural and Applied Economics Association (AAEA), Association of Environmental and Resource Economists (AERE), American Economic Association (AEA), American Geophysical Union (AGU).