

Zhuang Chu

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Education

Hong Kong University of Science and Technology, Hong Kong S.A.R.

Ph.D. in Finance, Department of Finance, 2019-2025 (expected)

Peking University, Shenzhen, China

M.A. in Finance and Economics, HSBC Business School, 2015-2018

Central University of Finance and Economics, Beijing, China

B.S. in Finance, 2009-2013

Research Interests

Sustainable Finance, Empirical Corporate Finance, Climate Risk, Energy Transition

Working Papers

- [1] How Does Political Leaning Affect Solar Power Plant Efficiency? Evidence from the US, Job Market Paper, 2024
- **Presented at** HKUST Brown Bag
- [2] Transition Risk under Capital Misallocation: The Deployment of Solar Power Plants in China, with Zhanhui Chen, 2024
- **Presented at** NBER-SAIF Climate Finance and the Sustainable Energy Transition Meeting, 2024 China Financial Research Conference, HKUST Brown Bag*, Southern University of Science and Technology*
- [3] ES Performance and Voting Premium: Evidence from Option Prices, 2022

* denotes presentation by co-authors

Publications

- [4] Effects of Renewable Energy Use in the Energy Mix on Social Welfare, with Kwangwon Ahn, and Daeyong Lee
- *Energy Economics*, 96: 105174, 2021
- [5] Modeling GDP Fluctuations with Agent-based Model, with Kwangwon Ahn, Changyong Ha, and Biao Yang
- *Physica A: Statistical Mechanics and its Applications*, 503, 2018

Work in Progress

- [6] Political Polarization and Households' Climate Adaptation, with Zhanhui Chen

Conference and Presentations

2024: NBER-SAIF Climate Finance and the Sustainable Energy Transition Meeting, China
Financial Research Conference (CFRC)

Awards and Fellowships

HKUST Dean's PhD Fellowship, 2023-2024

HKUST Red Bird PhD Scholarship, 2023-2024

HKUST Postgraduate Studentship, 2019-2024

CUHK Excellence Academic Performance Scholarship, 2018

PKU Outstanding Graduates Award, 2018

Teaching Experience

Teaching Assistant, HKUST

- Investment Analysis (EMBA/MBA/MSc, Fall 2021/2022/2023)
- Green Finance and Capital Markets (MSc, Fall 2023/2024)
- ESG Investment (MSc, Spring 2021/2023)
- Quantitative Trading (UG, Spring 2022)
- Intermediate Corporate Finance (UG, Fall 2020)
- Fundamentals of Business Finance (UG, Fall 2020)

Languages/Skills

Languages: Mandarin (native), English (fluent)

Skills: R, SAS, Python, STATA, MATLAB

References

Zhanhui Chen (Supervisor)

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