



# 閻可佳博士

智慧旅遊學系 | 助理教授

## 個人簡介

閻可佳，助理教授，博士畢業於格里菲斯大學，曾任廈門大學博士後，在澳洲與中國高校擁有 6 年以上經濟學、金融與會計教學經驗。研究方向涵蓋能源經濟學、氣候金融、ESG 與應用金融計量。入職中西創新學院以來，以第一單位發表 Q1 期刊論文 10 篇，其中包括 Energy Economics、Habitat International、Energy Policy、Sustainable Production and Consumption 等中科院頂刊，並於 Humanities and Social Sciences Communications、iScience 等國際高水準期刊發表成果。同時擔任 Energy Economics、Environmental Impact Assessment Review、Research in International Business and Finance、Journal of Cleaner Production 等期刊審稿人。相關研究獲得中國省部級科研項目資助，體現了其在經濟學、金融學與環境科學交叉領域的持續產出能力與國際學術影響力。

## 工作經歷（含博士後）

- 2022-2024 年，廈門大學中國能源政策研究院博士後
- 2025-2026 年，中西創新學院助理教授

## 教育背景

- 2022 年 9 月 – 2024 年 9 月：能源經濟研究助理，廈門大學，中國廈門市。
- 2015 年 9 月 – 2021 年 12 月：金融學哲學博士（全額獎學金），格里菲斯大學，澳洲布里斯本。
- 2014 年 7 月 – 2015 年 9 月：經濟研究（Graduate Diploma of Research Studies），格里菲斯大

學，澳洲布里斯本。

- 2013年2月 – 2013年12月：應用金融商學碩士（Master of Business in Applied Finance），昆士蘭科技大學，澳洲布里斯本。
- 2010年2月 – 2012年12月：會計學商學學士（Bachelor of Commerce in Accounting），格里菲斯大學，澳洲黃金海岸。

## 研究興趣

研究興趣主要集中於能源經濟學、氣候金融與 ESG 相關議題，並結合應用金融計量方法，探討氣候政策、碳市場與金融市場之間的動態關係及其經濟影響。

## 任教課程

- EC100 經濟學導論
- HM205 酒店與飲食業會計
- BU103 會計學入門
- EC302 兩岸四地之經濟聯繫
- HM100 旅遊酒店業計量方法入門

## 相關榮譽

- 2025年：中西創新學院傑出教學獎
- 2025年：中西創新學院傑出科研獎
- 2015年：格里菲斯大學學術優異獎
- 2015年：格里菲斯大學博士學術獎全額學金

## 研究成果

論文：

Minghu Xie, **Kejia Yan\***, Kerui Du, Bo Zhang (2026). Carbon prices alone won't green the grid: A comparative assessment of ETS design in G20 power sectors. *Energy Strategy Reviews*. <https://doi.org/10.1016/j.esr.2026.102253>

**Kejia Yan**, Boqiang Lin (2026). Carbon-agriculture market connectedness under the EU ETS: Evidence on sectoral heterogeneity and market states. *Energy*

*Economics*, 109160, <https://doi.org/10.1016/j.eneco.2026.109160>.

**Kejia Yan** and Boqiang Lin (2025). Carbon Pricing, Commodity Markets, and Economic Stability: Evidence from the EU ETS. *Journal of Commodity Markets*, 100536. <https://doi.org/10.1016/j.jcomm.2025.100536>

Siwei Xi, **Kejia Yan**, Bo Zhang, Ying Li, ChengHe Guan (2026). Revitalizing oil-gas resource-based cities: Unveiling spatial heterogeneity and life cycle dynamics of sustainable development capacity. *Habitat International*. <https://doi.org/10.1016/j.habitatint.2025.103649>

**Kejia Yan** and Boqiang Lin\* (2025). How Climate Policy Shapes Global Utility Markets: Dynamic Evidence From the EU Carbon Market. *Sustainable Development*. <https://doi.org/10.1002/sd.3486>

Yunan Peng, Jinling Guo, Junlian Gao, Bo Zhang, **Kejia Yan\*** (2025). China's coal mine closures from 2011 to 2019: Unintended water benefits. *Energy Nexus*. <https://doi.org/10.1016/j.nexus.2025.100412>

Siwei Xi, **Kejia Yan**, Bo Zhang, Cheng Guan (2025). Revealing the sustainability transitions in China's metal resource-based cities. *Humanit Soc Sci Commun* **12**, 1717 (2025). <https://doi.org/10.1057/s41599-025-05980-9>

Guo, J., Gao, J., **Yan, K.**, Zhang, B., & Liu, H. (2025). Castles in the Sky: Revisiting the global methane pledge. *Energy Policy*, 206, 114785. Simin Xu, Yunan Peng, **Kejia Yan**, Mengyao Han, Bo Zhang (2025). Opportunities to mitigate process-related greenhouse gas emissions in global trade networks. *Sustainable Production and Consumption*.

Jinling Guo, Junlian Gao, **Kejia Yan**, Bo Zhang, He Liu (2025). Global coal trade induces large CH<sub>4</sub> emissions. *iScience*.

Xu Tian <sup>1</sup>, **Kejia Yan** <sup>1</sup>, Jinling Guo, Bo Zhang. (2024). Revealing historical peak situation of national CH emissions. *Journal of Cleaner Production*. Volume 451.142059.

Kemeng Liu, PengsuWang, Bo Zhang, B, **Kejia Yan**, Ling Shao. (2024). Network structures and mitigation potential of trade linked global agricultural greenhouse gas emissions. *Scientific Reports*, 14(1), 30973.

Yunan Peng, Bo Zhang, **Kejia Yan**, Mengyao Han. (2024). Mitigating China's process- related greenhouse gas emissions via supply chain management. *Journal of Cleaner Production*, 144060.

Jinling Guo, Junlian Gao, Sijia Gao, **Kejia Yan**, Bo Zhang, Chenghe Guan. (2024). Increasing impacts of China's oil and gas demands on global CH<sub>4</sub> emissions. *Science of The Total Environment*. Volume 912, 169624.

Jinling Guo, Junlian Gao, **Kejia Yan** and Bo Zhang. (2023). Unintended mitigation benefits of China's coal de-capacity policies on methane emissions. *Energy Policy*. Volume 181.

Pengfei Jin, Zheng Meng, **Kejia Yan**, Bin Chen and Bo Zhang. (2023). An ecological accounting of Chinese society 2012-2020 based on extended exergy. Volume 417. *Journal of Cleaner Production*. 137929.

**Kejia Yan\***, Rakesh Gupta, and Suneel Maheshwari. (2023). Using Carbon Tax to Reach the U.S.'s 2050 NDCs Goals - A CGE Model of Firms, Government, and Households. *Journal of Risk and Financial Management*. 16, no. 7: 317.2

Simin Xu, Xiaofang Wu, **Kejia Yan**, Ying Liu and Bo Zhang. (2023). Global trade networks bring targeted opportunity for energy-related CHemission mitigation. *Environment Science and Pollution Research*.

Kemeng Liu, Rong Ma , **Kejia Yan**, Bo Zhang , Simin Xu , Cuiyang Feng. (2023). Tracing global N2O emission mitigation strategies through trade networks. *Journal of Environmental Management*. Volume 344 (2023), 118455.

Zheng Meng, Yunan Peng, Jiayi Wu, Xudong Wu, **Kejia Yan**, Boxi Li, Bo Zhang. (2023). Exergy analysis of China's transportation sector. *Sustainable Energy Technologies and Assessments*. Volume 57, ISSN 2213-1388.

**Kejia Yan\***, Rakesh Gupta and Victor Wong. (2022). CO Emissions in G20 Nations through the Three-Sector Model. *Journal of Risk and Financial Management*. 15, no. 9: 394. Zheng Meng, **Kejia Yan**, Ke Li, Junlian Gao, and Bo Zhang. (2022). Revealing Non-CO GHG Emissions in China's Transportation Networks. *Environmental Science & Technology Letters*.

Meng Zheng, Jinling Guo, **Kejia Yan**, Zhuan Yang, Bozi Li, Bo Zhang, and Bin Chen. (2022). China's Trade of Agricultural Products Drives Substantial Greenhouse Gas Emissions. *International Journal of Environmental Research and Public Health*. 19, no. 23: 15774.

Huqin Yan, **Kejia Yan\*** and Rakesh Gupta. (2022). A Survey of the Accounting Industry on Holdings of Cryptocurrencies in Xiamen City, China. *Journal of Risk and Financial Management*. 2022, 15, 175.

**Kejia Yan\***, Huqin Yan and Rakesh Gupta. (2022). Are GARCH and DCC Values of 10 Cryptocurrencies Affected by COVID-19? *Journal of Risk and Financial Management*. 2022; 15(3):113.

**Kejia Yan\***, Rakesh Gupta, and Sama Haddad. (2022). Statistical Analysis Dow Jones Stock Index-Cumulative Return Gap and Finite Difference Method. *Journal of Risk and Financial Management*. 15, no. 2: 89.

**Kejia Yan**. (2021). Turning Points of Environmental Kuznets Curves for G20 Economies (book chapter). *ECONVN*. Pp 131-141. ISBN 978-3-030-77093-8. ISBN 978-3-030-77094-5 eBook). ISSN 1860-949X ISSN 1860-9503 (electronic).

**Kejia Yan\***, Huqin Yan and Rakesh Gupta. (2021). The predicted trend of COVID-19 in the United States of America under the policy of "Opening Up America Again". *Infectious Disease Modelling*.

**Kejia Yan\*** and Suneel Maheshwari. (2020). Limitations of Financial Adviser Standards and Ethics Authority's Code of Ethics in Australia. *Delhi Business*

*Review*. 21(1), Jan. - June, 2020. 1 11.

Rakesh Gupta, **Kejia Yan**, Tarlok Singh and Di Mo. (2020). Domestic and international drivers of the demand for water resources in the context of water scarcity: A cross-country study. *Journal of Risk and Financial Management*, 13(255).

著作：

**Kejia Yan**. (2019). An Analysis of the Relationship between the Stock Markets of China and other BRICS Countries, the United States and Australia. *Paths International Ltd* (A company registered in England with its principal place of business at PO Box 4083 Reading RG8 8ZN England). ISBN: 978-1-84464-534-3. Ebook ISBN: 978-1-84464-535-0

**Kejia Yan**. (2018). An Analysis of the Relationship between the Stock Markets of China and other BRICS Countries, the United States and Australia. *China Financial & Economic Publishing House, China Finance & Economy Media Group* (A company registered in China, 28 Fuchenglu, Haidian, Beijing, P. R. China, 100142). ISBN: 978-7-5095-8001-1.