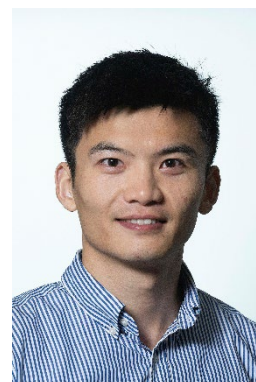


叶全梁 - 个人简历

个人信息和联系方式

姓名: 叶全梁 (Quanliang YE)
性别: 男 (他)
籍贯: 浙江绍兴
出生日期: 1993年4月6日
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电子邮箱: yequanliang1993@gmail.com
邮寄地址: International Institute for Applied Systems Analysis,
Schloßpl. 1, 2361, Laxenburg, Austria
谷歌学术: <https://scholar.google.com/citations?user=WNgSJnsAAAAJ&hl=en>
ORCID: <https://orcid.org/0000-0002-6135-3403>



教育背景

- 09/2018 – 08/2022** 产业生态学博士, 荷兰特温特大学 (University of Twente)
论文: “Enhanced input-output modelling for improved assessment of supply chain-wide environmental pressures in space and time: the case of China”
- 10/2021 – 01/2022** 访问学者, 荷兰格罗宁根大学 (University of Groningen)
研究项目: China’s future capital development and associated dynamic impacts on China’s carbon emissions
- 09/2015 – 06/2015** 环境科学硕士, 河海大学 (Hohai University)
论文: 基于水足迹和虚拟水贸易的水资源优化配置研究: 以水资源短缺地区为例
- 09/2011 – 06/2015** 数学与应用数学学士, 河海大学 (Hohai University)
论文: 辐射流体力学的数学模型研究

学术与专业经历

- 02/2025 – 至今** 助理研究员, 能源、气候及环境计划 (Energy, Climate, and Environment, ECE)
国际应用系统分析研究生所 (International Institute for Applied Systems Analysis)
研究整合评估模型 (IAMs) 中纳入异质性人类行为的重要性, 并进行量化分析
- 05/2022 – 06/2025** 博士后研究员, 丹麦环境评估中心 (Danish Center of Environ. Assess.)
丹麦奥尔堡大学 (Aalborg University)
收集资源、产品和行业在空间和时间维度上的数据。构建物质供需表, 以支持可持续性评估。
- 10/2023 – 01/2025** 博士后研究员, 奈梅亨管理学院 (Nijmegen School of Management, NSM)
荷兰奈梅亨大学 (Radboud University)
研究整合评估模型 (IAMs) 中纳入异质性人类行为的重要性, 并进行量化分析

主持参与项目与获奖

项目

2023 – 2026
2022 – 2026
2021 – 2025
2018 – 2022

欧洲联盟地平线项目 – 气候能源与流动性：CHOICE – 饮食结构变化与气候的相互影响机制研究。参与

欧洲联盟地平线项目 – 气候能源与流动性：WorldTrans – 透明评估为真实人群服务。参与

丹麦KR基金会项目：“数据精准项目”。参与

中国国家留学基金委员会（CSC）：“增强型投入产出建模以改善供应链全局环境压力的时空评估”。主持

获奖

2023
2021
2019
2018 – 2022
2018
2017
2015, 2016, 2017
2013

第17届哲学与社会科学优秀成果奖，二等奖

中国工商联科技奖，三等奖

第十届工业生态学国际学会会议最佳报告奖

中国国家留学基金委员会（CSC），编号 201806710143

河海大学2018年最佳硕士论文奖

2017年国家研究生奖学金，20000元人民币

河海大学一等奖学金（年级排名1/65），每年12000元人民币

全国大学生数学建模竞赛，三等奖

教学与指导

01/2024 – 01/2025

05/2022 – 06/2025

10/2022 – 11/2022

讲师，奈梅亨大学管理学院

- Qualitative Research Methods（定性研究方法，本科生/硕士预科课程）
- Project Responsible Organisation: Business Analysis for Responsible Organisation（负责组织分析：负责任组织的商业分析，本科课程）
- Bachelor's Thesis for specialisation in Business Administration（商业管理专业学士论文）
- Bachelor's Thesis International Business Administration（国际商业管理专业学士论文）

合作导师，奥尔堡大学规划系

- 肖越博士，2023年12月毕业于维也纳经济与商业大学（Vienna University of Economics and Business, Austria）
- 徐东晓博士，2024年5月毕业于北京师范大学
- 王新梓硕士，2024年6月毕业于河海大学

客座讲师，奥尔堡大学规划系

- 可持续发展与环境管理概论

- 01/2020 – 09/2020** 合作导师，特文特大学
- 张毅硕士，2022年6月毕业于河海大学
- 09/2019 – 01/2020** 助教，特文特大学
- Water and Energy（水与能源，硕士课程）
- 1/2019 – 11/2019** 客座讲师，特文特大学
- 投入产出建模：理论到实践
- 11/2016 – 06/2017** 合作导师，河海大学环境学院
- 崔岩学士，2027年6月毕业于河海大学

研究成果

Google Scholar: h指数（14），总引用次数（652次）

以第一作者/第一通讯作者发表:

Ye, Q.*, Shan, Y.*, and Hubacek, K*. (2024) Promoting inter-generational equity calls strong sustainability and strategic investments in long-lasting capital systems. *Cell Reports Sustainability* 1 (9), 100153

Ye, Q., Liu, Q., Swamy, D., Gao, L., Moallemi, E. A., Rydzak, F., Eker, S.* (2024) FeliX 2.0: An integrated model of climate, economy, environment, and society interactions. *Environmental Modelling & Software*, 106121

Ye, Q., Krol, M.S., Shan, Y.*, Berger, M., and Hubacek, K.* (2023) Allocating capital-associated CO2 emissions along full lifespan of capital investments helps re-assessing emission responsibilities. *Nature Communications* 14, 2727 (他引次数 19, 期刊影响因子 14.70)

Ye, Q.*, Bruckner, M., Wang, R., Schyns, J.F., Zhuo, L., Yang, L., Su, H. and Krol, M.S. (2022) A hybrid multi-regional input-output model of China: Integrating the physical agricultural biomass and food system into the monetary supply chain. *Resources, Conservation and Recycling* 177 (他引次数 42, 期刊影响因子 11.2)

Ye, Q.*, Wang, R., Schyns, J.F., Zhuo, L., Yang, L. and Krol, M.S. (2022) Effects of production fragmentation and inter-provincial trade on spatial blue water consumption and scarcity patterns in China. *Journal of Cleaner Production* 334 (期刊影响因子 13.0)

Ye, Q., Hertwich, E.G., Krol, M.S., Font Vivanco, D., Lounsbury, A.W., Zheng, X., Hoekstra, A.Y., Wang, Y. and Wang, R.* (2021). Linking the Environmental Pressures of China's Capital Development to Global Final Consumption of the Past Decades and into the Future. *Environmental Science & Technology* 55(9), 6421-6429 (他引次数 24, 期刊影响因子 12.4)

Ye, Q., Li, Y.*, Zhuo, L., et al. (2018). Optimal allocation of physical water resources integrated with virtual water trade in water scarce regions: A case study for Beijing, China. *Water Research* 129, 264-276 (他引次数 155, 期刊影响因子 13.40)

Ye, Q., Li, Y.*, Zhang, W. and Cai, W. (2019). Influential factors on water footprint: A focus on wheat production and consumption in virtual water import and export regions. *Ecological Indicators* 102, 309-315

Wu, Z., Zhao, M., and **Ye, Q.*** (2023) The influence of technology improvements and the consistency of environmental and economic indicators on decoupling of greenhouse gas emissions and economic growth. *Sustainable Production and Consumption* 42, 14-22 (期刊影响因子 12.1)

Wu, Z., Wang, M. and **Ye, Q.*** (2021) Integrating the inter- and intra-annual dynamic features of capital into environmental footprint assessment: Revisiting China's greenhouse gas footprints, 1995-2015. *Science of the Total Environment* 801, 149629 (期刊影响因子 10.753)

Wu, Z., Yang, L., Chen, Q. and **Ye, Q.*** (2021) The impacts of international trade on global greenhouse gas emissions: A thought experiment based on a novel no-trade analysis. *Journal of Environmental Management* 300 (ABS 3, 期刊影响因子 8.910)

- Wu, Z. and **Ye, Q.*** (2020). Water pollution loads and shifting within China's inter-province trade. *Journal of Cleaner Production* 259 (他引次数 41, 期刊影响因子 11.072)
- Wu, Z., **Ye, Q.*** and Tian, Z. (2020). Effects of the Policy and Human Intervention on the Infrastructure-Environment Nexus in China. *Sustainability* 12(18)
- Li, Y., Huang, Y., **Ye, Q.***, Zhang, W., et al. (2018). Multi-objective optimization integrated with life cycle assessment for rainwater harvesting systems. *Journal of Hydrology* 558, 659-666 (他引次数 50)

以共同作者身份发表:

- Sun, Z., Zhan, Y., Liu, L., **Ye, Q.**, Zhang, Q*. (2024). China's dietary transition and its impact on cropland demand for sustainable agriculture. *Sustainable Production and Consumption* 49, 61–71
- Wang, X., Zhang, W.*, Li, Y., Tong, J., Yu, F., **Ye, Q.*** (2024). Impacts of water constraints on economic outputs and trade: A multi-regional input-output analysis in China. *Journal of Cleaner Production* 434, 140345
- Li, Y., Zhang, S., Zhang, W., Xiong, W., **Ye, Q.**, Hou, X., Wang, C., Wang, P. (2019). Life cycle assessment of advanced wastewater treatment processes: Involving 126 pharmaceuticals and personal care products in life cycle inventory. *Journal of environmental management* 238, 442-450 (他引次数 113, ABS 3)
- Li, Y.*, Ye, Q., Liu, A., Meng, F., Zhang, W., Xiong, W. (2017). Seeking urbanization security and sustainability: Multi-objective optimization of rainwater harvesting systems in China. *Journal of Hydrology* 550, 42–53 (他引次数 44)
- Xu, D., Zhang, Y.*, **Ye, Q.**, Fang, Z., Li, Y., Qang, X., Yang, Z. (2023) Mapping CO2 spatiotemporal transfers embodied in China's trade using a global dynamic network model endogenizing fixed capital. *Journal of Cleaner Production* 427, 139162
- Yuguda, K.T., Li, Y.*, Zhang, W., **Ye, Q.** (2020) Incorporating water loss from water storage and conveyance into blue water footprint of irrigated sugarcane: A case study of Savannah Sugar Irrigation District, Nigeria. *Science of The Total Environment* 715, 136886

会议报告

- Ye, Q.**, Eker, S.: FeliX 2.0: An integrated model of climate, economy, environment, and society interactions. *The 17th IAMC Annual Meeting 2024*. November 2024, Yonsei University, Seoul, South Korea
- Ye, Q.**: Role of long-lasting capital on environmental and sustainable assessment in space and time. *The 11th International Society for Industrial Ecology conference*. July 2023, Leiden University, Leiden, the Netherlands
- Ye, Q.**: Climate Change: The Physical Science Basis, Impacts, Adaptation and Vulnerability, and Mitigation of Climate Change. College of Environment. May 2023, Hohai University, Nanjing, China (*Invited by the host*)
- Ye, Q.**: From GHG emission gap to SDGs investment gaps: efforts for sustainable development. *Department of Planning*. November 2022, Aalborg University, Aalborg, Denmark
- Ye, Q.**: Water pollution loads, shifting, and key drivers within China's inter-provincial trade. *The 5th International Symposium on Shallow Flows conference*. October 2021, Hohai University, Nanjing, China
- Ye, Q.**: Capital Derived environmental impacts in China. *The 10th International Society for Industrial Ecology conference*. July 2019, Tsinghua University, Beijing, China (*Best Presenter Award*)
- Ye, Q.** and Wang, R.: Trends and patterns in the contributions to water use from different anthropogenic drivers. *The 10th International Society for Industrial Ecology conference*. July 2019, Tsinghua University, Beijing, China
- Ye, Q.** and **Wang, R.**: Multi-Regional Input-Output Benchmark Evaluation of Water Economic Productivity: A Policy Analysis of "Three Red Line" in China. *AEESP 2019 Research and Education Conference at ASU*. May 2019, Arizona State University, Tempe, AZ, the United States
- Ye, Q.**: Optimal allocation of physical water resources integrated with virtual water trade in water scarce regions: A case study for Beijing, China. *China Research Institute of Water-Saving Agriculture in Arid Regions*. August 2018, Yanglin, Shaanxi, China (*Invited by the host*)

授权专利

李轶, 叶全梁, 张文龙, 熊维, 李杰。人工水草。专利号: CN201510797105.9, 授权日期: 2015年11月18日
李轶, 李杰, 张文龙, 叶全梁。用于减少自然水体油污染的生态浮床。专利号: CN201510799474.1。授权日期: 2015年11月18日

学术服务与学会会员资格

- 09/2015 – 至今

合作联络员

• 河海大学

• 复旦大学

• 莱顿大学 (荷兰)

• 奥尔堡大学 (丹麦)

• 挪威科技大学 (挪威)

• 维也纳经济与商业大学 (奥地利)

• 国际应用系统分析研究所 (奥地利)

• 西北农林科技大学

• 山东大学

• 格罗宁根大学 (荷兰)

• 拉德堡德大学 (荷兰)
- 03/2016 –至今

期刊编辑与审稿人

• Communications Sustainability, Nature Portfolio期刊编委会成员

• Carbon Footprint期刊青年编委

• Frontiers in Environmental Science (淡水科学领域评论编辑)

• Journal of Environmental Management (3篇) • Water Research (7篇)

• Journal of Cleaner Production (12篇) • Environmental Research (6篇)

• Science of the Total Environment (1篇) • Scientific Data (3篇)
- 10/2018 –至今

专业组织会员

• 工业生态学国际学会 (The International Society for Industrial Ecology)

• 国际投入产出协会 (The International Input-Output Association)

语言与计算机技能

- 语言

• 中文 (母语)

• 英语 (良好)

• 荷兰语 (基础)
- 计算机技能

• Matlab (良好), Python (良好), SPSS (良好), ArcGIS (良好), Q-GIS (基础)

• Microsoft Office™ tools (良好), Photoshop CS (良好)
- 其他技能

• 羽毛球 (良好), 游泳 (良好), 篮球 (良好), 射箭 (基础)

算法与数据库

- 算法

• 资本内生生化输入输出模型 (Capital-endogenized input-output model)

<https://github.com/yequanliang1993/capital-endogenized-input-output-model.git>, 包括:
基于EXIOBASE V3的全球版本

中国的省际版本

- 中国食品与农业生物质输入输出模型

<https://github.com/yequanliang1993/fabio-chn.git>

数据库

- 1990至2013年中国时间序列物理供需和输入输出表

<https://doi.org/10.6084/m9.figshare.16571103.v5>

- 1990至2017年中国各省固定资本形成时间序列

<https://doi.org/10.6084/m9.figshare.20407572.v1>