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研究方向: 气候适应性城市设计、土地利用变化模拟、可持续人居环境管理

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专业履历:

- 2023-06-至今 河北工业大学建筑与艺术设计学院, 讲师
- 2019-04 至 2022-10 日本东北大学工学研究科, 研究助理、教学助理
- 2019-04 至 2023-03 日本东北大学工学研究科, 工学博士
- 2017-04 至 2019-03 日本东北大学工学研究科, 工学硕士
- 2011-09 至 2016-06 华中科技大学建筑与城市规划学院, 建筑学学士、文学学士

代表性论文成果:

- (1) C. Zhang, Z. Wang, J. Wang, X. Ding, **Y. Peng***, Spatial Differentiation of Ecological Environment Quality and The Influencing Factors in Cities Within The Beijing-Tianjin-Hebei Region Based on LCZ and RSEI, IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2024, 10.1109/JSTARS.2025.3580610. (SCI, 中科院 2 区)
- (2) Z. Wang*, Y. Ishida, **Y. Peng**, J. Ren, A. Mochida, Exploring the heat balance characteristics in Shanghai by using the WRF model coupled with LCZ scheme, Sustainable Cities and Society, 2025, <https://doi.org/10.1016/j.scs.2025.106295>. (SCI, 中科院 1 区 TOP)
- (3) Z. Wang, **Y. Peng***, Y. Li, X. Zhou and Y. Xie, "Exploration of Influencing Factors of Land Surface Temperature in Cities within the Beijing-Tianjin-Hebei Region Based on Local Climate Zone Scheme," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, doi: 10.1109/JSTARS.2024.3396167. (SCI, 中科院 2 区 TOP)
- (4) **Peng Y***, Fujiyama M, Ishida T. Spatial Evolution of an Oil City: A Case Study of Karamay, Northwest China. Land. 2022; 11(11):2011. <https://doi.org/10.3390/land11112011> (SSCI, 中科院 2 区)
- (5) **Peng Y***, Fujiyama M, Ishida T. The Performance of Smart Cities in China An Overview of Regional Differences. Summaries of technical papers of annual meeting (Architectural Institute of Japan), page 97-98, 2021.

代表性科研成果:

- (1) 日本风工学研究中心项目: Prediction of urban climate and proposal of thermal environment improvement countermeasures for East Asian coastal megacities under global warming, 参与, 2025
- (2) 河北省社会科学基金青年项目, 环境正义视域下京津冀城市群脆弱群体热风险评估, 主持, 2024
- (3) 河北省高等学校人文社会科学研究项目, 青年拔尖人才项目, 健康城市背景下基于高温风险评估的老旧住区空间分布研究, 主持, 2024
- (4) 住房和城乡建设部村镇建设司委托课题: 乡村建设评价分省报告撰写(河北省), 参与, 2023、2024
- (5) 日本科学技术振兴机构, 石油城市基础设施建设与城市形态演变, 8 万元, 主持, 2021-2022

代表性著作成果:

- (1) 译著: 《日本建筑大师图鉴》, 江苏凤凰科学技术出版社, 2022. 03