

Yuhan Xu

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EDUCATION

Southeast University, China	M.S. Landscape Architecture	90.68/100	09/2022-Present
Southeast University, China	B.S. Landscape Architecture	89.29/100	09/2017-06/2022

PUBLICATIONS

- **Xu, Y.**, & Tang, J. (2024). Examining the rationality of Giant Panda National Park's zoning designations and management measures for habitat conservation: Insights from interpretable machine learning methods. *Science of The Total Environment*, 170955.
- **Xu, Y.**, Ma, X., Pan, M., & Jiang, K. (2022). A Two-Stage Simulation Approach of Urban Transport Emission Evaluation Towards Carbon Peak: A Case Study in Suzhou, China. *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, 10, 285-292.
- Yuan, Y., Gan, Y., **Xu, Y.**, Xie, Q., Shen, Y., & Yin, Y. (2022). SWMM-based assessment of urban mountain stormwater management effects under different LID scenarios. *Water*, 14(1), 78.

ONGOING PROJECTS

- Rui, J., **Xu, Y.**, and Liu X. Destigmatizing Urban Villages by Examining Their Attractiveness: Quantification Evidence from Shenzhen. *Habitat International*, Under Second Review (Major revision).
- Rui, J., and **Xu, Y.** What Do Cyclists See That Determines Where They Ride? Experiencing Urban Streetscape from Eye-level Perspectives. *Sustainable Cities and Society*, Under Review.
- Ma, X., **Xu, Y. (Corresponding Author)**, Pan, M., and Jiang, K. Do the Planning Decisions of Public Service Facility Distribution Require the Involvement of Carbon Peak Consideration? Evidence from Suzhou, China. *Journal of Cleaner Production*, Under Review.
- **Xu, Y.**, and Ma, X. A Study of Street Vitality Based on Visual and Auditory Perception: A Case Study of Historic Urban Area in Guangzhou, China. *The International Review for Spatial Planning and Sustainable Development*, Under Review.
- **Master Thesis:** A study on land assessment in the peripheral zones of urban scenic areas based on ecosystem services. In preparation.
- Urban edges, conservation frontiers: Buffer zone planning and management around urban protected areas - Lessons from Chinese national scenic areas. In preparation.

Conference Presentations and Academic Engagements

- **International Conference 2023 on Spatial Planning and Sustainable Development (Kanazawa, Japan)**
 - A Study of Street Vitality Based on Visual and Auditory Perception: A Case Study of Historic Urban Area in Guangzhou, China
- **Architectural DigitalFUTURES+HFUT 2023 ComputationalArt&TechWorkshop**
 - Group 1: Reenactment and Reproduction of Traditional Streets in the West Gate Area of Guangzhou
- **Southeast University Summer School 2022 (marked “Distinguished” grade)**
 - Frontiers of International Planning Theories and Methods

Honors and Awards

2022	Second Prize 2022 China University Data-driven Innovation Competition
2022	Southeast University Excellent Undergraduate Students
2018-2019	Southeast University President Scholarship

Skills

Design	Rhino (basic Grasshopper), Photoshop, Indesign, Lumion
Quantitative analysis	Spatial analysis (proficient in ArcGIS and Arcpy), Python (pandas, geopandas, proficient in machine learning and basic deep learning)
Languages	Mandarin Chinese (Native), English (TOEFL iBT - Score: 101/120, GRE General Test - Score: 326+4.5)