

# Haoyu Yue

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## Research Interests

Climate Change, Energy and Infrastructure Planning, Artificial Intelligence and Data Science for Social Goods/Urban Planning

## Education

- 2022 – Present     **University of Washington** – Seattle, WA  
*Interdisciplinary Ph.D. Program in Urban Design and Planning*  
Committee: Dr. Jan Whittington, Urban Design and Planning (Chair); Dr. Qing Shen, Urban Design and Planning  
*Evans School of Public Policy and Governance*  
Ph.D. Certificate: Concentration in Public Policy and Management
- 2020 – 2022     **University of Washington** – Seattle, WA  
*Department of Urban Design and Planning*  
Master of Urban Planning Specialized in Urban Informatics  
Thesis title: Does Climate Investment Funding Intensify Green Gentrification?  
Committee: Dr. Jan Whittington, Urban Design and Planning (Chair); Dr. Arthur Acolin, Runstad Department of Real Estate
- 2015 – 2020     **Central South University** – Changsha, P.R.China  
*Department of Urban and Rural Regional Planning*  
Bachelor of Engineering in Urban and Rural Planning

## Publications

- 2023     Whittington, J., Shen, Q., Sun, F., Ning, S., **Yue, H.**, Chen, C., & McMichael, R. (2023). *Keeping it on the Tracks: High-speed Rail Success and Lessons Learned*. Seattle, WA: Mobility Innovation Center, University of Washington. Full Report.
- 2022     Zhai, W., **Yue, H.**, & Deng, Y. (2022). Examining the association between urban green space and viral transmission of COVID-19 during the early outbreak. *Applied Geography*, 147, 102768, 9–14. <https://doi.org/10.1016/j.apgeog.2022.102768>.
- Zhai, W., & **Yue, H.** (2022). Economic resilience during COVID-19: An insight from permanent business closures. *Environment and Planning A: Economy and Space*, 54(2), 219-221. <https://doi.org/10.1177/0308518X211055181>.

## Research Experience

- 2023     **Climate-smart Capital Investment Plan for Montgomery County, MD**  
*Montgomery County | PI: Jan Whittington; Co-PI: Adrienne Greve*
- 2022     **Ultra High Speed Ground Transport: An Evaluation**  
*Challenge Seattle, Mobility Innovation Center | PI: Jan Whittington; Co-PI: Qing Shen*

## Professional Experience

- 2021 – 2022 Oversea City Observer  
*Urban China Magazine* – Shanghai, P.R.China  
Wrote articles for the magazine about *overseas cities* where the focus was on the space and planning systems between different institution systems.
- Summer 2020 Land Use Policy and Planning Intern  
*Shenzhen Urban Planning & Land Resource Research Center* – Shenzhen, P.R.China  
Assisted in Shenzhen Comprehensive Territorial Spatial Planning and prepared the tender documents for planning projects.

## Conferences

- 2022 **Yue, Haoyu**, Jan Whittington, Acolin Authur. "Does Climate Investment Funding Intensify Green Gentrification in San Francisco-Oakland-Berkeley Bay Area?" *Annual Conference of the Association of Collegiate Schools of Planning*, Toronto, Canada, November 3-6, 2022.
- 2021 Bae, Christine, Boyang Sa, Eric Guida, **Haoyu Yue**. "It Takes a Village to Make Urban Villages Work: Effects of zoning and land use policies on property value and densification in the City of Seattle." *Annual Conference of the Association of Collegiate Schools of Planning*, Online, October 7-23, 2021

## Honors and Scholarships

- 2023 Spatial Social Network Workshop Graduate Travel Support (Georgia Tech)
- 2022 Hall-Ammerer-WRF Fellowship in Interdisciplinary Studies (Graduate School, University of Washington)
- 2021 Urban Design and Planning Student Scholarship (University of Washington)  
Smart City Hackathon - Second Prize (University of Texas, Austin)
- 2018 Esri College GeoDesign Prize (Esri China, Chinese Society for Geodesy, Photogrammetry and Cartography)
- 2016 – 2019 Annual Undergraduate Student Scholarship (Central South University)

## Memberships

- 2022 – Present Student member, Association of Collegiate Schools of Planning  
Student member, American Association of Geographers
- 2020 – Present Student member, International Association for China Planning  
Student member, American Planning Association

## Technical Skills

### Programming languages

Python, R, SQL, HTML, JavaScript, D3.js

### Software

LaTeX, Git, QGIS, Adobe Creative Cloud Suite, Microsoft Office Suite

### Languages

English (fluent), Chinese (native)