

GAO Yuan

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Address: 821, Knowles Building, The University of Hong Kong

Education

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| Department of Urban Planning and Design, The University of Hong Kong | Hong Kong SAR |
| PhD candidate (since 2026.03) | 2024.09- |
| College of Urban and Environmental Sciences, Peking University | Beijing, China |
| Master of Geography (Urban and Regional Planning) (3.84/4, 1/21) | 2021.09-2024.07 |
| Bachelor of Engineering (Urban and Rural Planning) (3.77/4, 3/36) | 2016.09-2021.07 |
| Bachelor of Economics (Double Major) (3.79/4) | 2017.09-2021.07 |
| University of California, San Diego (UCEAP Exchange) | 2018.09-2018.12 |

Publications

(1) Peer-review Journal Article:

- Gao, Y.**, Lin, L. Z., Bao, W. W., He, W. T., Zhang, Y. T., Dong, G. H.*, He, S*. (2025). Humid Heat's Nonlinear Impact on School-age Children' Sleep Health: Evidence from Guangdong, China. *Environmental Research*, 122360.
- Gao, Y.**, Bi, Y., Yu, L*. (2025). Understanding the impacts of ecological compensation policy on rural livelihoods: Insights from forest communities of China. *Journal of Environmental Management*, 374, 123921.
- Gao, Y.**, Yu, L.* (2024). Understanding the impacts of ecological compensation policies on energy poverty: insights from forest communities in Zhejiang, China. *Land Use Policy*, 142, 107144.
- Gao, Y.***, Feng, C. (2023). Impact of mixed land use on housing prices, spatial differentiation and implications: Empirical analysis based on Qingdao. *Applied Spatial Analysis and Policy*, 1-26.
- Gao, Y.**, Lin, J.* (2022). Review and insights of China's urban land use system. *China Land*, 37(04), 21-23. [in Chinese]
- Gao, Y.**, Yi, C. Wang, F.* (2021). Community response to COVID-19: A perspective from social support network. *Community*, (01), 45-54. [in Chinese]
- Wang, F.*, Deng, X., **Gao, Y.**, Long, H., Liu, Z. (2020). Shrinking or expanding? City spatial distribution and simulation analyses based on regionalization along the yellow river. *Journal of Urban Planning and Development*, 146(4), 04020035. [co-second author]
- Lin, J.*, **Gao, Y.**, Zhao, Y. (2023). Exploration of national territory spatial governance from the perspective of spatial development rights. *Journal of Natural Resources*, 38(06), 1393-1402. [in Chinese]
- Zhang, H., **Gao, Y.**, Yi, C., Que, W.* (2021). The protection path of agricultural cultural heritage from the perspective of world heritage: A case study of Jingxi Rice. *China Garden*, (04), 81-86. [in Chinese]

(2) Working Paper:

- Gao, Y.**, He, S. (2026). From Expenditure to Exposure: A Multidimensional Assessment of Summer Energy Poverty and Sleep Health Risks in the Greater Bay Area, China.
- Gao, Y.**, He, S. (2026). "Cold But Not Equally Cold": Socio-thermal Stratification in Beijing.
- Gao, Y.**, He, S.*, Chan, S. K. L., Tsoi, T. C. W., Tang, V. M. Y., Lou, V. W*. (2026) Stressor or Relief? Exploring The Impact of Social Media on Family Caregivers' Mental Health within Caregiver-recipient Dynamic. (under review)
- Gao, Y.**, Wu, L.*, Lin, J. (2026). Understanding climate change's impact on energy poverty and health outcome: Empirical analysis based on CFPS.
- Gao, Y.**, He, S. (2025). Simulating Urban Green Space's Cooling Impact on School-age Children' Sleep Health Using Diverse Planning Approaches.

(3) Book & Chapter:

Lin, J., Bao, H., **Gao Y.** (2025). Towards the Marketization of Land: A Study on the Reform of China's Urban Land Use System. *Beijing: China Land Press.*

Lin, J., et al. (2022). "Region-Element" Coordination: Territorial spatial planning and regulation in the New Era. *Beijing: China Land Press.* [Chapter 1, 6]

(4) Conference Paper:

Gao, Y., Shu, Y., Yi, C., Li, D.* (2020). Food supply system in Wuhan under COVID-19: An evolutionary perspective based on informality. The 2020 International Conference on Sustainable Development.

Awards and Honors

- 2024/2025 Hong Kong PhD Fellowship and HKU Presidential PhD Scholarship
- Third Prize of 2025 Urban China Research Network (UCRN) Doctor's competition
- 2020 National Scholarship of China
- 2021 Outstanding Undergraduate Graduation Thesis of Beijing Municipality (Published)
- 2021 & 2024 Excellent Graduate of Peking University
- 2020 Merit Student Pacesetter of Peking University
- 2019 Outstanding Project Award of the National Innovation Training Program of Peking University
- First Prize of the 29th "Challenge Cup" of Peking University

Planning Projects and Internships

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| State Power Investment Group Smart Energy Investment Co., Ltd. | Beijing, China |
| Smart Energy Intern in Low Carbon Technology | 2024.01-2024.03 |
| Implementation Assessment of China's Annual Land Use Plan | Beijing, China |
| Team Leader | 2021.09-2022.12 |
| Territorial Spatial Planning of Shangdong Province | Beijing, China |
| Team Member | 2020.01-2021.12 |
| Beijing Tsinghua Tong Heng Planning and Design Institute | Beijing, China |
| Urban Planning Intern in Jiaozuo City Planning | 2020.07-2020.09 |
| Guangzhou Urban Planning Survey and Design Institute (Beijing Branch) | Beijing, China |
| Urban Planning Intern in Shizuishan High-tech Zone Planning | 2019.07-2019.11 |

Extracurriculum Experiences

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| China Health and Retirement Longitudinal Study (CHARLS) | Beijing, Zhejiang, China |
| Team Leader | 2018.03-2018.07 |
| The 21st Chinese University Students Visiting Program of Japan | Tokyo, Japan |
| Peking University Representative | 2017.12 |
| 2017 Beijing Design Week "KaiMen ZaoChe" Exhibition | Beijing, China |
| Designer | 2017.09-2017.11 |

Skills and Interests

Language Proficiency: TOEFL 110, GRE 330+4, CET-4 687

Computer capabilities:

- **Spatial Analysis:** ArcGIS, Geoda
- **Data Analysis:** Stata, SPSS, R, UCINET, NVIVO
- **Design:** AutoCAD, Sketch Up, Adobe Creative Cloud (PS, AI, ID)

Interests: Piano and musical, cinephile (film festival lover), hiking (MacLehose trail lover)