

Dingkang Teng

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EDUCATION

Hong Kong Polytechnic University:

Department of Land Surveying and Geo-Informatics

HONG KONG SAR

09/2024—06/2026 (Expective)

MSc in Urban Informatics and Smart Cities

Related courses: Advanced GIS; Urban Big Data; Urban Informatics; Satellite Positioning & Navigation

Master's dissertation: Assessing the Resilience of Global Electric Vehicle Charging Stations under Flooding Condition

Huazhong Agricultural University (HZAU):

Department of Land Management

WUHAN, CHINA

09/2015—06/2019

B.A. in Land Resource Management

Related courses: Cartograph; Land Info System; RS; Science of Land Resource; Urban Planning; Economics; C++

Bachelor's thesis: Research on the Distribution and Reconstruction of Land Value-added Income of Collective Operational Construction Land

SKILLS

- Proficient at ArcGIS. Familiar with network projects.
- Programming language: Python, Java, HTML, PHP, SQL, JavaScript, C/C++
- Language: Putonghua (Native); English (Professional Working); Cantonese (Basic)

PROFESSIONAL QUALIFICATIONS

Certificate of Registered Real Estate Appraiser

2026

- Issuing Authority: Ministry of Housing and Urban-Rural Development, P.R. China & Ministry of Natural Resources, P.R. China

RESEARCH EXPERIENCE

Technology Infrastructure Policy • Global EV Data Initiative

01/2025—Present

Hong Kong Polytechnic University

Focusing on Technology innovation, Infrastructure planning and Policy making in Smart Cities

- Conduct research projects related to charging infrastructure across the globe and author research papers.
- Collecting, analyzing, and visualizing the data for the research group.

Innovation Leadership and Entrepreneurship Internship

06/2017—06/2019

Huazhong Agricultural University

Study on influencing factors of paid withdrawal of homestead

- Designed questionnaires, utilized AHP for in-depth data analysis, and drew accurate and weighted conclusions.
- Synthesized the collected data and findings. Drafted a detailed, evidence-based report.

PUBLICATION

Published Papers

- **Teng, D., Tang, J.H.C.G., Ma, R., Yang, X., & Zhuge, C.** A global insight into integration of metro and electric vehicle charging stations (in press). *Sustainable Cities and Society*. <https://doi.org/10.1016/j.scs.2026.107217>

- **Teng, D.**, Cheng, S., Luo, Y., & Zhang, J. (2024). *Jiyu jiqi xuexi de fangdichan shichang huafen fangfa – yi Wuhan shi weili* [Real estate market segmentation method based on machine learning - a case study of Wuhan] [Conference]. China real estate academic annual conference in 2024, Wuhan, Hubei, China.
- Wang, Q., Pan, S., Wu, X., Lei X., Liu X., **Teng, D.**, Luo, Y. & Zhang, J. (2024). *Yizhong ziran ziyan zichan qingcha fangfa ji xitong* [A Method and System of Natural Resource Asset Inventory] (Chinses Patent No. ZL 2024 1 0106887.6). China National Intellectual Property Administration. <http://epub.cnipa.gov.cn/cred/CN117635177B>
- **Teng, D.**, Guo, H., & Zhang, J. (2021). Guoyou nongyongdi shiyongquan pinggu fangfa yanjiu [Study on the evaluation method of the use rights of state-owned agricultural land]. *Housing and Real Estate*, 2021(18), 48-51. <https://bit.ly/3U2EoVu>

Under Review

- Ma, R., Guan, M., **Teng, D.**, & Zhuge, C. Dynamic Social Disparities in the U.S. Electric Vehicle Charging Infrastructure System. *Transportation Research Part D*. Under review.

Working Papers

- **Teng, D.**, Tang, J.H.C.G., Ma, R., Yang, X., He, M., Wei, B., Li, Y., Peng, Z., & Zhuge, C. Advancing accessibility and equity of public electric vehicle charging stations in China. (Submitted). [*Target journal: Transport Policy*]
- Ma, R., **Teng, D.**, Yang, X., Zhao, J., Chen, D., Tang, J.H.C.G., & Zhuge, C. Global Patterns in Public Electric Vehicle Charging Infrastructure Deployment. (Draft Available). [*Target journal: Transportation Research Part D*]
- **Teng, D.**, Tang, J.H.C.G., Ma, R., Yang, X., & Zhuge, C. The potential influences of flooding on accessibility and equity of public electric vehicle charging infrastructure: A global insight. (In Preparation). [*Target journal: Nature Cities*]

WORKING EXPERIENCE

Teaching Assistant, Intelligent Transportation Systems (LSGI3213)

09/2025-12/2025

Hong Kong Polytechnic University

- Facilitated weekly lab sessions, providing hands-on guidance for data analysis and simulation modeling software.

Technical Manager

10/2018-06/2024

Realhom Land Real Estate Assets Appraisal Co., Ltd

- Managed advanced engineering tasks with focus on natural resource survey and evaluation, IT support, and led geography information initiatives including data analysis, database construction, mapping, and GIS training.
- Conducted a comprehensive study on the evaluation method for state-owned agricultural land use rights.
- Spearheaded the secondary development of an automated calculation and processing tool in ArcGIS designed to enhance efficiency and accuracy within natural resource projects.

PROJECT EXPERIENCE

Land Classification & Standard Price in Collective Agricultural Land

06/2023-06/2024

Project Leader

- Led spatial analysis, rank classification, price estimation and GIS related processes.

Natural Resource Asset Inventory of Tieshan and Daye

12/2020-06/2024

Project Leader

- Managed price calculation, database creation, result summarization, and mapping tasks.
- Provided guidance to teams working in other cities, including Huanggang and Haikou.

China's Urban Land Price Dynamic Monitoring of Huangshi	12/2020-12/2023
<i>Project Leader</i>	
<ul style="list-style-type: none"> • Responsible for data analysis and authoring comprehensive reports. • Received the 2021 Excellence Award from the provincial department. 	
Appraisal & Evaluation Programs	09/2019-06/2024
<i>Assistant Appraiser</i>	
<ul style="list-style-type: none"> • Responsible for calculation and reports, participated in land and real estate appraisal projects and risk assessment. 	
ACTIVITIES AND HONORS	
Association Chair , school of land management student association	2016-2018
<ul style="list-style-type: none"> • Orchestrated the College Freshmen Party and the Campus Planning Competition. 	
First prize , <i>Yongyehang Cup</i> Undergraduate land use planning competition	2018
<ul style="list-style-type: none"> • Led the land use plan for Longma Village, managed team coordination, and authored the project report. 	
Second prize , <i>Chinese Land Cup</i> national undergraduate land use planning competition	2018
<ul style="list-style-type: none"> • Upgraded the land use plan as the team leader for Longma Village, conducted data analysis in ArcGIS and took charge of coordination within the team. 	
Third prize , National college students real estate appraisal competition	2018
<ul style="list-style-type: none"> • Prepared an appraisal report of an estate and carried out data analysis using FAHP. 	
Outstanding Individual , 2017 summer practice of HZAU	2017
<ul style="list-style-type: none"> • Led the other team members to undertake the sub-projects under the National Innovation and Entrepreneurship Training Program for College Students. 	
Second prize , <i>KQ Geo Technologies Cup</i> GIS competition	2017
<ul style="list-style-type: none"> • Conducted the data analysis in ArcGIS and classified the land rank in some parts of Tokyo. 	