Dingkang Teng

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EDUCATION

Hong Kong Polytechnic University: HONG KONG SAR
Department of Land Surveying and Geo-Informatics   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):   WUHAN, CHINA
Department of Land Management   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. (2026). A global insight into integration of metro and electric vehicle charging stations. *Sustainable Cities and Society*, 107217. 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 ziyuan 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
- **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. *Transport Policy.* 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
- 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
Project Leader
- Responsible for data analysis and authoring comprehensive reports.
- Received the 2021 Excellence Award from the provincial department.

Appraisal & Evaluation Programs   09/2019-06/2024
Assistant Appraiser
- 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
- Orchestrated the College Freshmen Party and the Campus Planning Competition.

First prize, *Yongyehang Cup* Undergraduate land use planning competition   2018
- Led the land use plan for Longma Village, managed team coordination, and authored the project report.

Second prize, *Chinese Land Cup* national undergraduate land use planning competition   2018
- 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
- Prepared an appraisal report of an estate and carried out data analysis using FAHP.

Outstanding Individual, 2017 summer practice of HZAU   2017
- Led the other team members to undertake the sub-projects under the National Innovation and Entrepreneurship Training Program for College Students.

Second prize, *KQ Geo Technologies Cup* GIS competition   2017
- Conducted the data analysis in ArcGIS and classified the land rank in some parts of Tokyo.