

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: Principle of GIS; Urban Big Data

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, AutoCAD, SPSS and other specialist software. Familiar with network projects.
- Programming language: Python, Java, HTML, PHP, SQL, JavaScript, C/C++
- Language: Putonghua (Native Proficiency); English (Professional Working Proficiency)

RESEARCH EXPERIENCE

Innovation Leadership and Entrepreneurship Internship

06/2017—06/2019

Huazhong Agricultural University

Study on influencing factors of paid withdrawal of homestead

- Designed questionnaires to assess of influencing factors of residents' opinion on homestead paid withdrawal
- Utilized AHP for in-depth data analysis and to dissect and interpret the accumulated data, thereby drawing accurate and weighted conclusions.
- Synthesized the collected data and findings. Drafted a detailed, evidence-based report.

PUBLICATION

Teng, D., Guo, H., & Zhang, J. (2021). 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>

Wang, Q., Pan, S., Wu, X., Lei X., Liu X., **Teng, D.**, Luo, Y. & Zhang, J. (2024). *A Method and System of Natural Resource Asset Inventory* (Chinses Paten No. ZL 2024 1 0106887.6). China National Intellectual Property Administration. <http://epub.cnipa.gov.cn/cred/CN117635177B>

UNDER REVIEW

Teng, D., Cheng, S., Luo, Y., & Zhang, J. (2024). *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.

WORKING EXPERIENCE

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.

Appraisal & Evaluation Programs

09/2019—06/2024

Assistant Appraiser

- Responsible for calculation and reports, participated in more than 200 land and real estate appraisal projects and risk assessment.

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 Huangang and Haikou.

China's Urban Land Price Dynamic Monitoring of Huangshi

12/2020—12/2023

Project Leader

- Responsible for data analysis and authored comprehensive reports.
- Received the 2021 Excellence Award from the provincial department.

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.

Student Referee, The Second Hi-Target Cup Surveying Competition

2015

- Served as a student referee, monitoring the process in surveying and verifying the accuracy of results.