

ZHONG Weijing

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EDUCATION

National University of Singapore, Singapore

Aug. 2024 – present(expected Aug 2025)

- Master of Science in Applied in GIS | GPA: 4.5/5.0
- Relevant courses: Spatial Data Science, Spatial Programming, Internet GIS, Remote Sensing

Tongji University, Shanghai, China

Sept. 2014 – Mar. 2017

- Master of Engineering in Town and Country Planning | GPA: 86.07/100 (top 5%)
- Thesis: Classification and Characteristics of Urban Activity Space in Central Shanghai Based on Cell Phone Data
- Awards: Outstanding Graduate in Shanghai (top 5%), National Scholarship (top 5%)

Nanjing University, Nanjing, China

Sept. 2009 – Jul. 2014

- Bachelor of Engineering in Urban Planning | GPA: 91.2/100 (top 1%) | Minor: Economics

CORPORATE EXPERIENCE

Garnered nine provincial or municipal-level awards for outstanding urban planning projects.

Senior Urban Planner, Hangzhou City Planning and Design Academy, China

Nov. 2024 – present

- Directed a collaborative team of more than 10 professionals throughout the lifecycle of the Hangzhou Green Space Planning, from bidding, site investigation, reporting, and implementation.
- Planned 300+ urban parks covering 100+ square kilometers using advanced GIS mapping and spatial analysis.
- Promoted the implementation of 260+ parks by guiding detailed plans and coordinating with diverse stakeholders, ensuring integration of land use and sustainable development.

Urban Planner, Hangzhou City Planning and Design Academy, China

May 2017 – Nov.2024

- Formulated strategic planning for the 235-kilometer Cultural and Artistic Corridor of Qiantang River, by developing spatial and industrial strategies and frameworks in collaboration with key stakeholders.
- Developed the Yungu Innovation Space Plan to optimize land use, fostering a collaborative innovation ecosystem that bridges universities, institutes, and enterprises while accelerating innovative project development.
- Planned public service facilities—including education, cultural, and sports amenities—to enhance accessibility and urban livability, leveraging GIS-based accessibility and network analysis to inform planning decisions.
- Conducted detailed plans that guided land parcel release, supporting effective plan implementation.

ACADEMIC EXPERIENCE

Published 12 journal articles (2 in English, 10 in Chinese) and 11 conference papers (2 in English, 9 in Chinese).

Academic Projects in National University of Singapore

2024 – 2025

- Evaluated the spatial equity of park provision in Singapore using the AHP method and GIS analysis tools.
- Analyzed wildfire susceptibility and vegetation cover change in Butte, USA, using Remote Sensing data and Boosted Regression Tree model.

Research Project of Hangzhou Municipal Bureau of Garden and Cultural Relics

2021 – 2022

- Developed a transmission framework for specialized green space planning to detailed planning; Outcomes were officially issued by the government, enhancing planning implementation efficacy.

Science Programme of Shanghai Science and Technology Commission

2016 – 2019

- Developed Python and R scripts for processing large-scale spatiotemporal cell phone data and multiple data sources to support data-driven planning policies.
- Designed a multi-dimensional GIS-based indicator framework with spatial clustering algorithms to evaluate Shanghai's built environment (work, living, transport, and entertainment).
- Conducted a comprehensive spatial analysis of nighttime urban vitality in Shanghai using cell phone data, modeling the impacts of the urban built environment.

CERTIFICATES AND SKILLS

Professional Qualifications: Certified Urban-Rural Planner (China), Registered Consulting Engineer (China)

Technical Skills: Urban Planning (AutoCAD, SketchUp, Adobe Suite, MS. Office), Geospatial Analysis and GIS Technologies (ArcGIS, QGIS, Python, R), Web GIS Technologies (HTML, CSS, ArcGIS JavaScript API).