# Yun-Ching Wu



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## ■ Professional Summary

Spatial, Social, Impact-driven. An urban researcher and advocate with a strong foundation in spatial planning and social-technical policies. Specializes in mixed-methods research, combining data-driven insights with qualitative narratives to analyze complex sustainability and mobility transition challenges.

## ■ Publications

Wu, Y. (2025). *Developing a citizen-AI street design assistant for road safety* [Chapter submitted for publication]. In *Data, cities and citizens: How open data revolutionizes urban and transport planning – Insights from a dialogue between Europe and Asia.* , TU Berlin [Link]

Wu, Y. (2025, October). *Exploring healthy city and 10-minute city planning methods: A case study of the Utrecht Spatial Strategy 2040 (RSU2040)* [Paper presentation]. Symposium on Rethinking National Spatial Planning and Regional Revitalization, New Taipei City, Taiwan. [Link]

Wu, Y. (2024). *Developing a citizen AI urban street design assistant for road safety* [Master's thesis, Delft University of Technology]. TU Delft Repository. [Link]

Wu, Y. (2019). *A case study of Tainan Railway Underground Project: Decision-making processes of the urban regime* [Master's thesis, National Taiwan University]. National Digital Library of Theses and Dissertations in Taiwan. [Link]

## ■ Education

**TU Delft & Wageningen University** — **AMS Institute, Amsterdam**
Metropolitan Analysis, Design, and Engineering (Joint Degree) — 09.2022-10.2024

**National Taiwan University** — **Taipei, Taiwan**
Building and Planning — 09.2015-01.2019

## ■ Selected Work Experience

**Taipei City Government** — **Taipei, Taiwan**
Associate Engineer — 07.2020-09.2022
*Urban Regeneration and Social Housing Project Management*

**Vision Zero Taiwan (NPO)** — **Taipei, Taiwan**
Executive Supervisor & Co-Founder — 05.2024-Now
*Mobility Transition Policy Research and International Collaboration*

## ■ Selected Projects

**Taipei Pedestrian Map** [ Website | Github ]
An ongoing project reviewing the city's pedestrian environment using open data.

**Paris Social Housing Map** [ Website | Github ]
A map presenting the Parisian City plan (PLUb).

**Sensing For Resilience** [ Clip | UI ]
A physical sensor prototype designed to monitor tree well-being in Amsterdam.

## ■ Reference

**Dr. George Liu** | Senior Researcher at Technical University of Munich, Founder of CityUX
Email: george.liu@tum.de

**Prof.dr. M.P. (Marjan) Hagenzieker** | Thesis Supervisor, TU Delft
Email: m.p.hagenzieker@tudelft.nl

## ■ Awards

**Government Fellowship For Overseas Study** **Taiwan**
Ministry of Education, Taiwan 09.2022-09.2025

**GenAI in the fly Competition** **TU Delft Library**
2nd place in Scholar Category 12.2024

## ■ Certificates, Languages, & Skills

- **Languages:** English (Professional Proficiency); Mandarin (Native); Dutch and Japanese (A1-A2)
- **Technical Skills:** R, Python programming, GIS, Canva, and Adobe Design tools
- **Certificates:** Street Experiments for Sustainable and Resilient cities; Sustainable Urban Development; Advanced QGIS Analysis with AI and Machine Learning