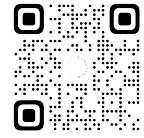


# Yulin Cheng

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⚙️ AI and Travel behavior, Safe and resilient cities, Sustainable cities and spatial governance



## EDUCATION

**Shenzhen University (SZU)**

Sep. 2023 - Jun. 2026

Master of Urban and Rural Planning | GPA: 3.5 / 4.0 | Average Score: 87

**South China University of Technology (SCUT)**

Sep. 2018 - Jun. 2023

Bachelor of Urban and Rural Planning | GPA: 3.53 / 4.0 | Average Score: 85

## RESEARCH EXPERIENCE

### 【PAPER】

- [1] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*, Renzhong Guo. Assessment of Urban Residential Pluvial Flood Resilience Based on Disruptions in Residents' Travel Characteristics and Its Planning Implications: Taking Shenzhen as a Case[J]. *Urban Planning Forum*, 2026. DOI: 10.16361/j.upf.202602015. (**First author, CSSCI, IF = 7.06, Published**)
- [2] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*. Assessing Urban Residential Vulnerability through Mobility Data and Machine Learning: Insights from Shenzhen's Extreme Rainstorm Event, 2026. **To Be Submitted to *Sustainable Cities and Society***.
- [3] Licong Xing, Tao Ma\*, **Yulin Cheng**, Liuqingqing Yang, Xinge Zhang. Exploring the Radiation Effect and Typological Characteristics of Innovative Spaces in Technology Transfer: Evidence from the Guangdong-Hong Kong-Macao Greater Bay Area. *Habitat International*, 2026. (**Co-author, SCI, Q1, IF = 7.0, Second revision under review**)
- [4] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*. Mapping Pluvial Flood Resilience Risk in Shenzhen's Residential Neighborhoods Using a Diagnostic Model and Differentiated Planning Responses, 2026. **To Be Submitted to *City Planning Review***.
- [5] Collection of award-winning works in the Chengyuan Cup Planning Decision Support Model Design Competition (2025)[M]. Beijing: China Architecture & Building Press, 2026. (**Published**)

### 【CONFERENCE】

- [1] **Yulin Cheng**, Xinyue Gan\*, Xiaochun Yang. The 19th International Association for China Planning (IACP), Xiamen, Jul. 2025. (Oral)
- [2] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*. The 5th International Conference for Urban Climate and Urban Design, Chongqing, Jun. 2025. (Oral)
- [3] **Yulin Cheng**, Xinyue Gan\*, Xiaochun Yang. The 4th Spatial Information Industry and International Standard Conference (SIIS), Shenzhen, Dec. 2024. (Oral)
- [4] Tao Ma, Xiaochun Yang\*, **Yulin Cheng**. The 21st Annual National Planning Conference (ANPC), Hefei, Sep. 2024. (Oral)
- [5] **Yulin Cheng**, Xinyue Gan, Xiaochun Yang\*. The 18th International Association for China Planning (IACP), Hangzhou, Jul. 2024. (Oral)

### 【PROJECT】

**Shenzhen Basic Research Special Fund – General Program (JCYJ20250604182433045)**

Mar. 2025 - May. 2025

*Assessment of the Impact of Sea-Level Rise on the Coastal Built Environment in Shenzhen and Simulation of Its Resilience Enhancement*

Responsible for the project justification and research content sections, systematically reviewing the theoretical foundations and current research status; participated in the overall technical route design.

**Young Scientists Fund of the National Natural Science Foundation of China (52508072)**

Jan. 2025 - Mar. 2025

*From the Perspective of Residence-Activity Association: Characteristic Identification, Mechanisms, and Planning Responses of "Urban Village Living Circles" in Megacities*

Responsible for the identification of Shenzhen urban village boundaries and internal building boundaries; systematically organized built environment and socio-economic attribute data of urban villages.

*Research on the Impact of Online Consumption on Urban Commercial Space*

Designed survey questionnaires and conducted in-depth interviews; employed structural equation modeling (SEM) and multiple regression analysis to examine the impacts of the rise of online consumption on commercial space and operations.

**PRACTICAL EXPERIENCES****Internship | Shenzhen Urban Planning and Design Institute Co., Ltd, Shenzhen**

Sep. 2025 - Nov. 2025

*Overall planning and research project of OCT area*

Responsible for carrying out the thematic assessment of digital insight: Using mobile signaling data to analyze the behavior rules and differences of leisure activities between local residents and foreign tourists, and provide data support for planning and decision-making.

**Internship | Architectural Design and Research Institute of SCUT Co., Ltd, Guangzhou**

Feb. 2022 - Jun. 2022

*Research on Urban Renewal Based on Stock Database and Urban Renewal Benefit Database*

Established the evaluation system of various types of land and various indicators of performance evaluation; determined the index weight of each factor through analytic hierarchy process (AHP).

**Internship | Hansenberg International Design Group, Guangzhou**

Jul. 2021 - Sep. 2021

*The planning and design project of the commercial and residential plot of Wuyi Square*

Carried out scheme design, model production, real-time statistics of economic and technical indicators.

**Social practice | Activity on Three Kinds of Going to the Countryside, Zhaoqing**

Sep. 2021 - Dec. 2021

*The planning and design project of rural revitalization and homestead reconstruction*

Entered the villagers' homes to understand the current situation and demands of traditional villages; combining folk culture, provided innovative ideas for rural development and carried forward rural characteristics.

**HONORS & AWARDS****【RESEARCH】****2nd Prize** | The 9th Chengyuan Cup Planning Decision Support Model Design Competition, First Author Jul. 2025**2nd Prize** | The 9th Chengyuan Cup Planning Decision Support Model Design Competition, Second Author Jul. 2025**Outstanding Student Report Award** | The 4th SIIS Conference, First Author Dec. 2024**【DESIGN】****Individual Award** | LA Pioneer Award – National University landscape design graduation exhibition, First author Nov. 2025**3rd Prize** | The 7th National College Students' Rural Planning Competition, Fourth author, Group Leader Dec. 2024**Winning Prize** | The 6th National College Students' Rural Planning Competition, Second author, Group Leader Dec. 2023**Winning Prize** | The 23rd Asian Design Award, First author Nov. 2025**Winning Prize** | The 15th IDEA-KING-AWARD, Fourth author, Group Leader Nov. 2025**Winning Prize** | The 16th Yuanye Cup International Competition for College Students, Third author Sep. 2025**SKILLS & INTERESTS****【SOFTWARE SKILLS】****Programming** | Python, Matlab, R Studio, SQL**Planning analysis software** | ArcGIS, QGIS, ArcScene, GeoDa**Mapping software** | Auto CAD, Photoshop, Illustrator, InDesign, Origin, Midjourney**Modeling and rendering software** | Sketchup, Rhinoceros, Grasshopper for Rhino, Lumion, Enscape, V-Ray**【LANGUAGE ABILITY】****Language** | Mandarin (Native), English (Fluent): CET 4, CET 6, College Entrance Examination: 138 / 150**【PERSONAL SPECIALTY】****Interests** | Violin, Sketching, Calligraphy, Singing, Photography, Sports including basketball, table tennis and badminton.