

# Yin Dou (窦寅)

## BASIC INFORMATION

**Birthday:** 12.11.1996  
**Tel:** (+86)18291416961  
**Mailing address:** 1239 Siping Road, Yangpu District, Shanghai, China  
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## RESEARCH INTERESTS

- **Regional and urban planning:** Urban development policy, Strategic research, Scenario planning, Urban network, Urban structure
- **Transportation planning:** Transit Oriented Development (TOD), High-speed rail station, Public transportation

## EDUCATION

- **Visiting Ph.D.:** Department of Mobility Systems Engineering, Technical University of Munich, Germany (2024)
- **Ph.D. candidate:** Department of Urban Planning, Tongji University, China (2022-)
- **Master of Urban Planning:** Department of Urban Planning, Tongji University, China (2019-2022)  
The Dissertation for Master Degree: Research on Scheme Evaluation and Optimization of Hongqiao Business District Based on Scenario Simulation of Job-Housing Spatial Performance
- **Bachelor of Engineering:** Department of Urban Planning, Xi'an University of Architecture and Technology, China (2014-2019)  
Undergraduate graduation project: Urban Design of Typical Small Towns around Xiong'an New Area

## SHORT-TERM TRAINING COURSE

- [1] April 2021: Urban Space Analysis Forum & The 6th Space Syntax Symposium in China
- [2] July 2023: Summer school of "Latest Achievements in Transportation Engineering and Logistics" by Technical University of Munich (TUM), TUM Asia, and Tsinghua University, funded by DAAD
- [3] August 2023: Academic program "Smart City" of SDG Global Summer School by Zhejiang University
- [4] December 2023: The 6<sup>th</sup> International Organization Talent Training Camp of Tongji University

## LANGUAGE

- **Chinese:** native
- **English:** proficient (IELTS 7.0, CEFR level C1)
- **German, Japanese:** beginner

## TECHNICAL SKILLS

- **Designing:** AutoCAD, Photoshop, Sketch up
- **Office and programming:** Word, Excel, PowerPoint, Python
- **Other:** ArcGIS, SPSS, depthmapX, Gephi, UCINET, CiteSpace, Histcite, Tableau

## RESEARCH EXPERIENCES

- Participation in 4 supervisor's grants in China:
- [1] **National Natural Science Foundation of China (NSFC):** Research on Evaluation Method of Urban Layout Plan Based on Scenario Simulation of Spatial Performance (5207082908)
    - Accomplished the literature review on the application of scenario analysis in urban planning in the past 30 years
    - Carried the evaluation and optimization of Hongqiao CBD 2035 planning based on scenario simulation method
  - [2] **National Key R&D Plan of China:** Optimization Technology for Urban New District Planning and Design (2018YFC0704600)
    - Participation in writing of monograph "Research on the Development Law, Planning Method and Optimization Technology of Urban New Area"
  - [3] **National Key R&D Plan of China:** Theory and Method of Territorial Space Optimization and System Regulation (2022YFC3800800)
  - [4] **Project on Decision-making Consultation of Shanghai Municipal Government:** Study on Planning Strategy of Integration of

## Internships

Shanghai Tongji Urban Planning & Design Institute Co. Ltd, Shanghai, China (part-time)	September 2019 – July 2022
Zhejiang Urban and Rural Planning Design Institute Co. Ltd, Hangzhou, China (full-time)	July 2017 – September 2017

## PUBLICATIONS

### ●CHINESE JOURNALS (3):

- [1] **Yin Dou**, Shangwu Zhang. The Application of Scenario Analysis in Urban Planning in the Past 30 Years: A Review and Outlook of Bibliometric-based Research[J/OL].Urban Planning International: 1-16. (CSSCI\*, IF: 4.357)
- [2] **Yin Dou**, Yajuan Wang. The Urban Network in the Yangtze River Delta Based on Planning Text Analysis——Take the 14th Five-year Plan of Cities as an Example[J]. Urban Planning Forum,2021(05): 74-82. (CSSCI\*, IF: 6.208)
- [3] **Yin Dou**. Review of Green Transportation Planning Practice and Research in Urban Business Districts at Home and Abroad [J].Urbanism and Architecture,2021,18(26): 60-63. (IF: 0.254)

\* CSSCI refers to the Chinese Social Sciences Citation Index.

### ●CHINESE MONOGRAPH (1):

- [1] "Research on the Development Law, Planning Method and Optimization Technology of Urban New Area" (ISBN 978-7-5608-8957-3), Tongji University Press, 2021 (participation in the preparation)

### ●CHINESE CONFERENCES (4):

- [1] **Yin Dou**, Shangwu Zhang. Rethinking the Public Value of Urban Parks under the Concept of Park City. 2020/2021 Annual Conference on Urban Planning in China. Chengdu, China, 2021:10.
- [2] **Yin Dou**. A Study on the Spatial Structure and Planning Evaluation of New Area Based on Space Syntax -- A Case Study of Shanghai Hongqiao Business District. 2020/2021 Annual Conference on Urban Planning in China. Chengdu, China, 2021:872-882.
- [3] **Yin Dou**, Xinyi Wang. Study on Efficiency Evaluation of Skyway System in Urban Business District: A Case Study of the Central Axis of Hongqiao Business District. 2021/2022 Annual Conference on Urban Transportation Planning in China. Shanghai, China, 2022, 3145-3156.
- [4] Xinyi Wang, **Yin Dou**. Measurement and Evaluation of Public Transport Accessibility in Community Living Circle: A Case Study of Yangpu, Shanghai. 2021/2022 Annual Conference on Urban Transportation Planning in China. Shanghai, China, 2022, 296-307.

### ●INTERNATIONAL CONFERENCES (3):

- [1] **Yin Dou**. Research on Urban Spatial Organization Based on Nighttime Underclass Occupational Group Activities. Proceedings of the 13th Conference of the International Forum on Urbanism (IFOU 2020), Nanjing, China, 2020
- [2] **Yin Dou**. Research on the Spatial Patterns of Commercial Old Streets Based on Space Syntax and Text Semantic Analysis. Proceedings of the 3rd International Conference on Urban Engineering and Management Science (ICUEMS 2022), Wuhan, China, 2022
- [3] **Yin Dou**. Scope Delineation and Plan Evaluation of Urban Center from the Perspective of Spatial Supply and Demand. Proceedings of Global Smart Cities Summit cum The 3rd International Conference on Urban Informatics (GSCS & ICUI 2023), Hong Kong, China, 2023
- [4] **Yin Dou**, Yihao Zhang. Study on the characteristics and influencing factors of regional intergovernmental relations network, based on the analysis of 41 urban planning texts. The 36th AESOP Annual Congress 2024, Paris, France, 2024

## HONORS AND AWARDS

- [1] Merit Award of Best Conference Paper Award, GSCS & ICUI 2023 (2023)
- [2] Silver Award in the 6th Jin Jingchang China Urban and Rural Planning Postgraduate Thesis Competition (2023)
- [3] Excellent graduate of Tongji University (2022)
- [4] National scholarship (2021)
- [5] Excellent student of Tongji University (2021)

## UNIVERSITY SERVICE

- [1] Volunteer in 18th and 19th FORUM OF CHINA URBAN PLANNING STUDIES (One of the activities of UN-Habitat Urban October)
- [2] Researcher of the "China Local Government Data Openness Report" published by Lab for Digital & Mobile Governance, Fudan University
- [3] Teaching assistant of the undergraduate course "Urban Planning Theory" at Tongji University