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### EDUCATION

2011-2018	Ph.D.	Department of Architecture Planning and Landscape, Newcastle University, England
2009-2011	M.A.	Department of Architecture and Urban Design, Chinese Culture University, Taiwan
2005-2009	B.Sc.	Department of Urban Planning and Disaster Management, Ming Chuan University, Taiwan

### EMPLOYMENT

2020/07 - present	<u>Postdoctoral Researcher</u>	Research Center for Environmental Changes/ Center for Sustainability Science, Academia Sinica, Taiwan
2018/09 - 2020/01	<u>Assistant Professor</u>	City University of Macau, Macau
2017/09 - 2018/08	<u>Lecturer</u>	City University of Macau, Macau

### RESEARCH INTEREST

I am interested in exploring the issues of urban disaster management, including urban disaster planning, urban and regional planning, and urban renewal.

### RESEARCH HIGHLIGHTS

#### 1. Vulnerability risks and adaptation strategies

The study analyzed the natural and social vulnerabilities of Macau, and showed the natural vulnerabilities of Typhoon Hato in the historical disaster areas. In addition, social vulnerabilities include population, industrial economy and substantial construction in order to understand the spatial distribution of flood risks in Macau, and to use adaptive strategies as a theory of disaster management.

#### 2. The sponge city concept is applied to the reconstruction of road pavement in Macau

In the low-lying areas of Macau, sponge city pilots are suggested to establish Ha Wan area and inner harbour areas. Also, road pavements are suggested to construct as permeable pavements; and doing

long-term observation as well as recording of rainwater consumption data. The effects of water absorption by road pavements during heavy rains are quantitatively tested to explore the benefits for constructing permeable pavements in Macau in the future.

#### **REPRESENTATIVE PUBLICATIONS** (\*: corresponding author)

1. 林怡君、莊睦雄，(2018)。澳門天鴿與山竹颱風的災害分析與應對策略，《澳門研究》，第 91 期，pp.58 - 72。
2. 吴尧、林怡君，(2018)。让城市规划真正起作用：方法与技术指南，社会科学文献出版社，中国。
3. 林資政、林怡君\*，(2019)，基於海綿城市理念下的澳門道路鋪面之研究，2019 聯合年會暨論文研討會-智慧城鄉與永續國土，pp.86。
4. 林怡君，(2018)，JW 生態工法應用至澳門易淹水道路改造之研究，2018 聯合年會暨論文研討會 - 城鄉發展的過去、現在與未來，pp.1191。
5. Lin, Y.C. (2015). A study of commuters' transport modes choices and transport policy intentions. WIT Transactions on The Built Environment, 146, 105-116. Valencia, Spain.
6. Lin, Y.C. (2015). A Study of Individuals' Travel Behaviour in Relation to Transport Policy. Proceedings of RSA Annual Conference 2015. Piacenza, Italy.
7. Lin, Y.C. (2014). An investigation into commuters' transport modal choices in relation to transport policy intentions: The case of Zhonghe District, Taipei. Proceedings of Regional Studies Early Career Conference. Sheffield, UK.