

LI Wenpei

Research Area: Urban green space, physical activity, big data



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[Curriculum Vitae](#)

Wenpei is a PhD student at the Department of Architecture in the National University of Singapore under the guidance of Dr. Jessica Ann Diehl. Previously, she obtained a Bachelor's degree in Landscape Architecture from Hubei University of Technology and a Master's degree in Landscape Architecture from Huazhong University of Science and Technology.

Wenpei had prior experience in methodologies for analyzing the spatial patterns of urban green space (UGS) and statistical modeling to investigate the relationship between UGS metrics (including quantity and spatial patterns) and variables such as PM2.5, carbon sequestration, and health.

Currently, Wenpei is interested in the application of computer techniques in urban studies, such as computer vision and natural language processing. Her research topic is Data-driven Urban Green space-based Physical Activity Research. Specifically, she dedicates to explore the potential for and reliability of big data as proxies of UGS-based PA metrics.