

LOW, Yong Lee

RESEARCH AREA: Acoustic Engineering, Environmental Noise Assessment, High-Rise Urban Density



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Low Yong Lee is an environmental sustainability and acoustic consultant pursuing a Master of Arts in Architecture at the National University of Singapore (NUS). She holds a Diploma in Acoustics and Noise Control with Merit from the Institute of Acoustics (UK), where she was awarded Best Performance in her cohort, along with a Bachelor of Building in Construction Management from NUS. Her professional qualifications include accreditation as a Green Mark Advanced Accredited Professional (GMAAP) and an Associate Member of the Institute of Acoustics (IOA, UK).

Her master's research investigates the vertical propagation and attenuation behavior of road traffic noise on super-tall, high-density residential building facades in Singapore's tropical context. Drawing on extensive industry experience in Noise Impact Assessments (NIA) and Green Mark sustainability consulting across major developments, her research focuses on refining predictive modeling to guide high-rise architectural design and sustainable urban acoustic strategies.

- **Master's Research Project:** Investigation into the Vertical Propagation of Road Traffic Noise with respect to Busy Roads at Ground Level
- **Industry Experience:** Extensive track record in project management, Environmental Noise Impact Assessments (NIA), boundary noise verification, and Green Mark/LEED certifications for residential, commercial, educational, healthcare, industrial and mixed development projects in Singapore.