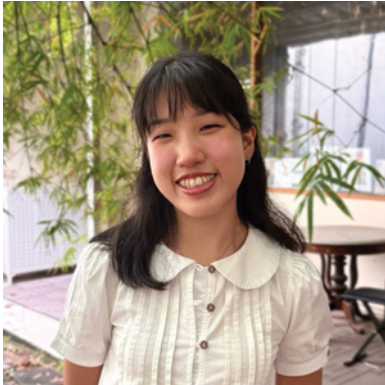


TEE, Alyssa Julianne

RESEARCH AREA: Soundscape, Urban Greenery



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Alyssa Tee, recipient of the prestigious President's Graduate Fellowship, is currently a PhD student at the Department of Architecture, National University of Singapore (NUS DoA), under the supervision of Prof Lau Siu-Kit Eddie.

With a background in Landscape Architecture, her research focuses on urban greenery's impact on soundscapes, exploring methods of reading into the physical and acoustic environment to understand and predict residents' perceptions of their surrounding soundscape.

Her work sits at the intersection of eco-acoustics and soundscape perception, exploring methods of using Machine Learning and AI tools to assess and predict the presence of nature sound sources in Urban Green Spaces and how it is simultaneously shaped by the physical environment i.e. different greenery configurations.

The outcome of her research is geared towards the development of planning guidelines which consider the potential of greenery configurations and compositions to augment liveability in Singapore through acoustic-related measures.