

Singapore Stanford Partnership Programme

MS Project MS08-25

Air Quality inside Indoor Carparks in Shopping Malls

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The ventilation design and local weather patterns sometimes lead to a hot humid environment inside the car parks. This project will look into the air quality and evaluation the health impacts for the selected car parks in some shopping malls.

Student involves in this project will work as an environmental consultant to investigate the air quality through experimental approach. (Questionnaire approach can also be considered). The student will team up with other research students to hold regular meetings to determine the possible sampling locations and experimental design. The work for sample analysis and data interpretation will be shared among team members. At the end of the project, the student should suggest/provide some simple/cost effective solutions in the reports as they are in the consulting firms.