

2022 Global Change Youth Research Project Description

Please use this template to create a description of each research project, eligibility requirements and expected deliverables. Project details can then be uploaded to each faculty, school, institute, and centre webpage prior to the launch of the program.

Project title:	Google maps and public transport use
Project duration, hours of engagement & delivery mode	Duration of the project: 4 weeks during Winter Vacation and 1 day a week during semester 2, 2022. Hours of engagement must be between 20-36hrs per week All work can be completely remotely.
Description:	Does access to transit schedules & arrival times increase ridership? Public transport is underutilised yet increasing public transport use is challenging as users are typically price inelastic. We aim to study whether increasing the convenience of public transportation, via access to real time transit information in google maps, increases ridership. We will use an event study exploiting differences in the timing of access to real time information across cities to identify the effect.
Expected outcomes and deliverables:	Students will gain skills in data collection and cleaning, reviewing economic and policy literature. Depending on the skills of the student they may also gain skills in regression analysis, geographical information systems and data visualisation. Students will be expected to deliver well-structured data sets and a literature review including a high-level summary.
Suitable for:	Students with a background in economics and quantitative methods are highly sought after. Experience using Stata, R, or other programming languages is highly valued.
Primary Supervisor:	Dr Andrea La Nauze School of Economics
Further info:	