RESEARCH CLINIC

General information

Supervisor:	David Zetland
Title of clinic:	Valuing Urban Open Spaces
Number of students:	1
Major *(if applicable and approved by the Major Convener)*:	GED/EES
(Pre)requisites *(if applicable)*:	GIS (and maybe AGIS)

Research context

Urban spaces have many "commons", most obviously the streets, where various uses are in competition. I want to quantify the amount of space that is available/used by cars (driving or parked), bikes, people, etc. for a few cities (starting with A'dam), and then compare the values in use to the prices paid for use of those spaces. So this is a mix of spacial/geographical/economic/political topics.

Students' tasks and activities

Please specify the tasks and activities, timeline, the learning aims and how they are assessed, i.e. what the deliverables will be.

I don't know how to use GIS, so that's requirement #1 and task #1.

I am happy to explain all the economic modeling (really just a spreadsheet).

The goal is to make a blog post, but perhaps author a paper. If we're lucky, this research may affect the debate and use of public spaces. The learning aims will be applying GIS skills to a public policy Q. The assessment will be "progress" ☺

Timeline: Spring semester 2022. We will meet every few weeks.

Please explain your experience with GIS and how you've used GIS tools in the past to work on a similar task.