

## Spatial Policies and Economic Growth

**Faculty Member:** [Costas Arkolakis](#)

How do economic policies affect economic growth and how do they affect differential economic outcomes across locations? This project aims to evaluate the implication of a number of spatial policies such as infrastructure investment, migration and labor mobility restrictions, and trade openness to economic growth and welfare across countries and geographic locations. The goal of the project is to collect large amounts of data on local economic outcomes (wages, GDP, skill labor etc) and trade across geographic locations. We will then use GIS software to process these data on the local economic outcomes and incorporate them into an economic model to link these outcomes in general equilibrium and gauge the implications of alternative policy scenarios.

Geographic Information System software basic knowledge is required. Additional knowledge of statistical packages such as STATA and R is helpful as well as programming languages such as Python or MATLAB, but not required.

**Award:** Karina Franke

Jorge Colmenares-Miralles

**Tobin Application Link:** [Tobin Application](#)

**Project Type:** Tobin RA

**Project Year:** 2019

**Term:** Fall 2019

**Source URL:** <https://economics.yale.edu/undergraduate/tobin-ra/fall-2019/spatial-policies-and-economic-growth>