Electrification and Poverty Reduction in Sierra Leone

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This project is eligible for remote work.

Proposal Description:

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.

Requisite Skills and Qualifications:

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.

Tobin Application Link: Tobin Application
Project Type: Tobin RA
Project Year: 2020
Term: Fall 2020

Source URL: https://economics.yale.edu/undergraduate/tobin-ra/fall-2020/electrification-and-poverty-reduction-sierra-leone