Inequality and climate change: the within-countries distributional effects of global warming

Dr David Castells-Quintana
Associate Professor, Department of Applied Economics
Autonomous University of Barcelona (UAB)

Abstract: In this presentation, we empirically explore the connection between climate change and income distribution within countries. To do so, we build a global panel dataset combining gridded data on climate variables with gridded population data, country-level data on several income inequality measures, gridded data on night-time lights to construct measures of spatial inequality, and data on several development outcomes. Using panel-data econometric techniques, we find a clear positive and statistically significant relationship between rising temperatures and increases in within-country inequality. Finally, we explore potential mechanisms behind this temperature-inequality relationship.

Wednesday, 22 November 2023, 12 – 1 pm* (UK Time)
• In-person: Manatee Room (1.41)* in the David Attenborough Building
• Online: Zoom. Please REGISTER to receive Zoom link on the day of the seminar

* Please note different time and room than for the regular Thursday seminars