Javier Parada

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EDUCATION

University of California, Davis   Davis, CA
PhD in Agricultural and Resource Economics   *2011 – 2018*

Centro de Investigación y Docencia Económicas   Mexico City, Mexico
MS in Economics   *2008 – 2010*

Tecnológico de Monterrey, Campus Santa Fe   Mexico City, Mexico
BS in Financial Management   *2004 – 2008*

EXPERIENCE

Postdoctoral researcher   July 2020 – Present
The World Bank   *Washington, DC*
- Fellowship Program in Forced Displacement sponsored by the DFID-UNHCR-World Bank program "Building the Evidence on Forced Displacement: A Multi-Stakeholder Partnership"
- Use of detailed georeferenced panel data on land use types to study transitions into and out of cropland in the Middle East
- Deliver two co-authored World Bank Policy Research Working Papers to be submitted to peer reviewed academic journals following publication in the World Bank series

South Asia Data Team   April 2018 – June 2020
The World Bank   *Washington, DC*
- Household survey harmonization and maintenance of South Asia Micro Database (SARMD)
- Construction, adjustment, and analysis of expenditures per capita for poverty and inequality measures
- Study of asset ownership, gender, urban/rural, education, demographic, labor, and housing characteristics
- Design and implementation of survey metadata collection tool to compare survey characteristics
- Preparation of Tableau visualizations and SARMD User Guidelines

RECENT PROJECTS

Land Use Change induced by Conflict and Displacement | *Syria, Iraq, Turkey*   July 2020 – Present
- Measure land use changes into and out of cropland with satellite imagery
- Study the mechanisms linked to violence and population displacement behind those land use changes

Perceived Land Tenure Insecurity and Violence | *Global*   July 2020 – Present
- Compare levels of land tenure insecurity across countries based on Prindex data
- Study interconnections between perceived tenure security and conflict

Changes in air quality during lockdown | *East Asia*   May 2020 – June 2020
- Measure changes in air pollution (Aerosol, CO, HCHO, NO2, Ozone, SO2) for largest metropolitan areas before, during and after COVID-19 lockdowns

Urban Poverty Headcounts | *Somalia*   October 2019 – February 2020
- Estimate poverty rates for Somali cities relying on the combination of Somali High Frequency Survey 2017 and geospatial data

TECHNICAL SKILLS

Languages: Stata, Python, R, Matlab, JavaScript, HTML/CSS, Git, Tableau, Excel VBA
Libraries: pandas, geopandas, scikit-learn, numpy, matplotlib, pyplot, seaborn, leaflet, geemap
GIS Tools: QGIS, Google Earth Engine

LANGUAGES

English: Full Professional
Spanish: Native
French: Limited Working