UNIVERSITY OF CALIFORNIA, BERKELEY

EXAMINING THE UNINTENDED EFFECTS OF CLIMATE CHANGE MITIGATION: A NEW TOOL TO PREDICT INVESTMENT-RELATED DISPLACEMENT

PRINCIPAL INVESTIGATOR: **Karen Chapple**, Professor, City and Regional Planning Department

PROJECT GRANT	PRIORITY RESEARCH AREAS
$558,914.00 **Duration: 30 Months**	☑ Increasing Data Accessibility and Planning Support for State, Local, and Regional Climate Change Planning ☑ Accelerating and Supporting Transitions to Climate Start Communities

Despite new efforts to minimize the displacement impacts of investments, there remains considerable uncertainty about the potential effects of different types of investments, making it difficult to effectively predict and address any displacement impacts. To the extent that they provide new amenities, climate investments may raise local land values, which could then impact local rent levels and destabilize communities. This research aims to reduce this gap in knowledge by utilizing individual- and building-level datasets to which our team has unique access in order to create tools that can be used by state agencies to estimate the potential impacts of investments and thereby mitigate them.

PARTNERS:	➢ California Housing Partnership Corporation ➢ Federal Reserve Bank of San Francisco ➢ Leadership Counsel for Justice and Accountability ➢ Public Advocates ➢ Public Counsel
RESEARCH ACTIVITIES	Generate a typology of climate investments. Identify and characterize representative investment projects for analysis. Develop a method and database for characterizing naturally occurring affordable housing. Link databases on public investments, market-rate housing development, housing affordability, and household mobility. Assess the impacts of climate investments on housing affordability. Analyze impacts of climate investments on displacement of financially unstable households. Translate modeling results into a predictive user-friendly tool and non-technical format to help policy-makers and the public assess potential impacts of proposed climate investments. Develop policy and programmatic proposals.
FACILITATES GREENHOUSE GAS EMISSIONS REDUCTIONS:	Help answer displacement questions surrounding infill and investments. The proposed tool will translate results into actionable information that can be used by community groups and local governments, and by state agencies as an application component of funding programs. The findings and tool will reduce uncertainty around the potential displacement impacts of investments, enabling policy makers to streamline actions and remove some of the volatility around climate policy and investments.
BENEFITS DISADVANTAGED AND LOW INCOME COMMUNITIES:	Provide scientific evidence on potential unintended displacement consequences, allowing agencies to anticipate and prevent displacement from occurring, and ensure that disadvantaged communities are able to stay to benefit from them. Researchers and community partners will work closely throughout the process so that these communities gain a tool that they feel comfortable using to understand the potential impacts of climate investments.
ENGAGEMENT ACTIVITIES	Create a trusting environment for community groups to provide input and feedback on the research. Generate direct translation of research results into policy and programming implementation ideas, utilizing online maps of both displacement typologies and other mediums such as workshops and explainer videos. Specific activities include producing a series of workshops coordinated by the local partners to explain and collect input and feedback on the research framework and design, analysis, ground-truthing and policy translation.