

Think Spatial

The UCSB brown-bag forum on spatial thinking

Presents

Matto Mildenberger

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The Spatial Distribution of U.S. Climate and Energy Beliefs

Tuesday, October 10, 2017

12:00 p.m.

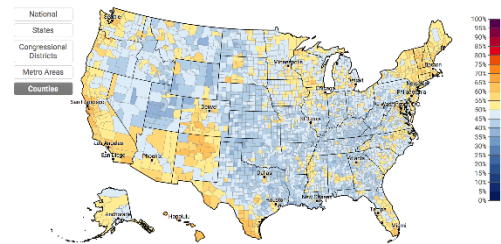
3512 Phelps Hall

ABSTRACT:

Addressing climate change in the United States requires enactment of national, state, and local mitigation and adaptation policies. The success of these initiatives depends on public opinion, policy support and behaviors at appropriate scales. Public opinion, however, is typically measured with national surveys that obscure geographic variability across regions, states and localities. Matto Mildenberger will present validated, high-resolution opinion estimates of public opinion using a multilevel regression and post-stratification model. The model accurately predicts climate change beliefs, risk perceptions, and policy preferences at the state, congressional district, metropolitan, and county levels, using a concise set of demographic and geographic predictors. Mildenberger will also share research extensions to map the spatial distribution of Republican and Democrat partisan opinions, and to model the spatially-resolved responsiveness of U.S. communities to messaging experiments.

Estimated % of adults who think global warming is mostly caused by human activities, 2016

Display model output: Absolute Value [Permalink](#)
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