



NExUS Ongoing Projects and Activities Mon May 21 03:09:35 EDT 2018

Name	Characterizing Thermal Neighborhoods for Climate Health Impacts
Description	A city's urban heat island can be subdivided into physically defined neighborhoods that respond differently to large scale environmental forcing. The observed bias from the modeled temperature would be similar throughout a thermal neighborhood, but vary between neighborhoods. Our objective is to use neighborhood-scale field campaign data to develop model output statistics to downscale model forecasts of temperature and humidity.
Category	- Research
Sector	- Public Health and Safety - Infrastructure
Focus Area	- Changes in Extremes of Weather and Climate
Region	- Regional Or State
Status	- Ongoing
Timelines	Date of Completion, April 2016
Lead Agencies	NOAA Regional Integrated Sciences and Assessments
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