



NExUS Ongoing Projects and Activities Mon Dec 18 09:38:48 EST 2017

<b>Name</b>	Characterizing Thermal Neighborhoods for Climate Health Impacts
<b>Description</b>	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.
<b>Category</b>	- Research
<b>Sector</b>	- Public Health and Safety - Infrastructure
<b>Focus Area</b>	- Changes in Extremes of Weather and Climate
<b>Region</b>	- Regional Or State
<b>Status</b>	- Ongoing
<b>Timelines</b>	Date of Completion, April 2016
<b>Lead Agencies</b>	NOAA Regional Integrated Sciences and Assessments
<b>Contacts</b>	Reza Khanbilvardi, The City College of New York/CUNY, Khanbilvardi@ccny.cuny.edu