



NExUS Ongoing Projects and Activities Thu Nov 23 09:52:12 EST 2017

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
Contacts	Reza Khanbilvardi, The City College of New York/CUNY, Khanbilvardi@ccny.cuny.edu