



NExUS Ongoing Projects and Activities Sat Jan 19 23:38:52 EST 2019

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| 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 |