Climate Change & Asheville's Urban Forest

Building resilience in vulnerable communities

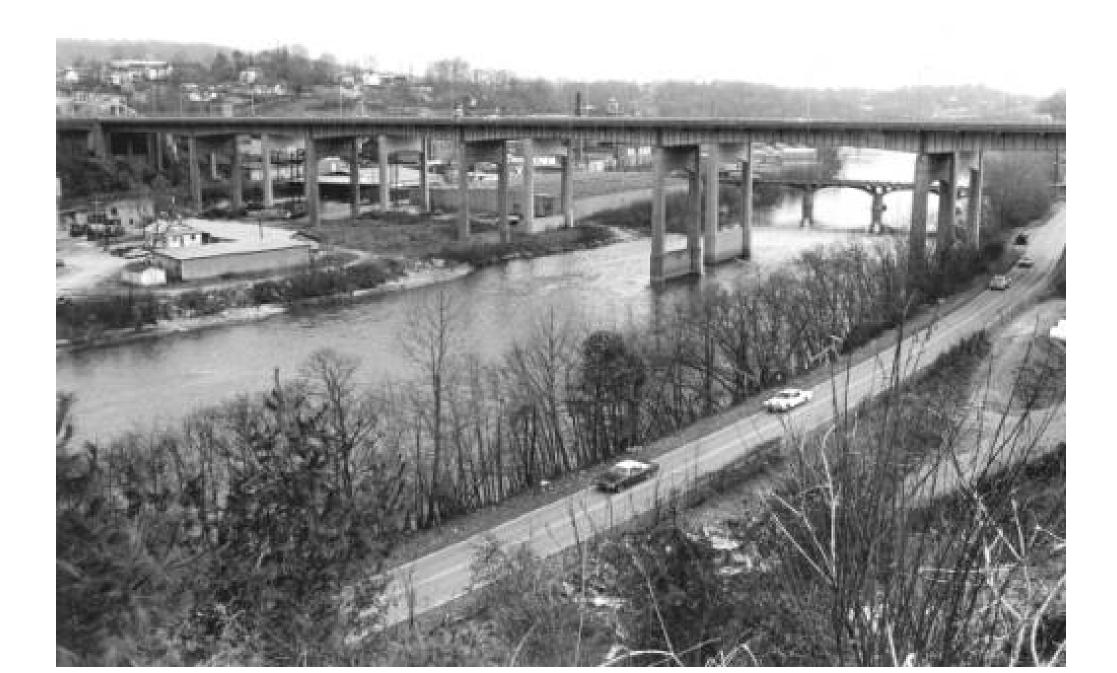
Dawn Chávez, Executive Director Asheville GreenWorks

Climate Prediction Applications Science Workshop May 10, 2023











New Belgium Brewery under construction

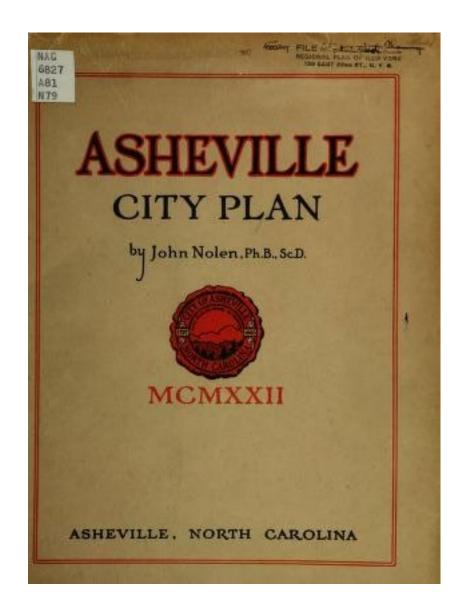




1922 – Asheville City Plan

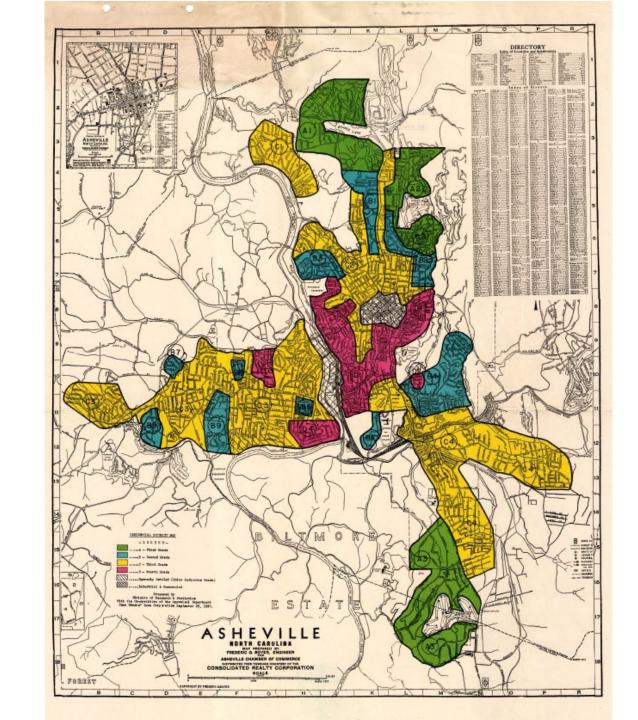
"The colored population of Asheville is about 33 percent...It is in most respects a distinct advantage to the negroes to be separated from the white population provided the areas in which they live are suitable in location and character..."

-Dr. John Nolen, 1922 Asheville City Plan



1930s Redlining in Asheville

Home Owners Loan Corporation (HOLC)





Priscilla Ndiaye, with her map of the homes demolished in the Southside neighborhood during urban renewal. She's standing on the site of the house her family lived in, condemned when she was nine. Photo by Max Cooper.









Mission: To inspire, equip and mobilize communities to create an equitable, climate-resilient future.





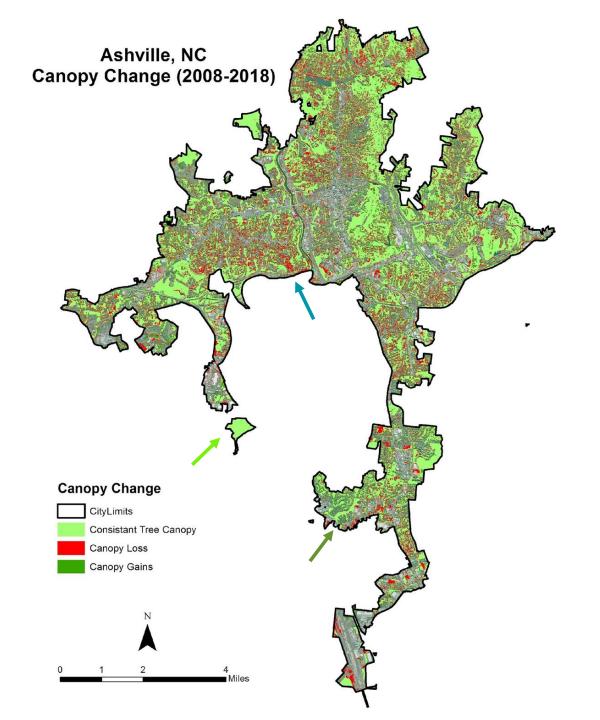
RESILIENCE

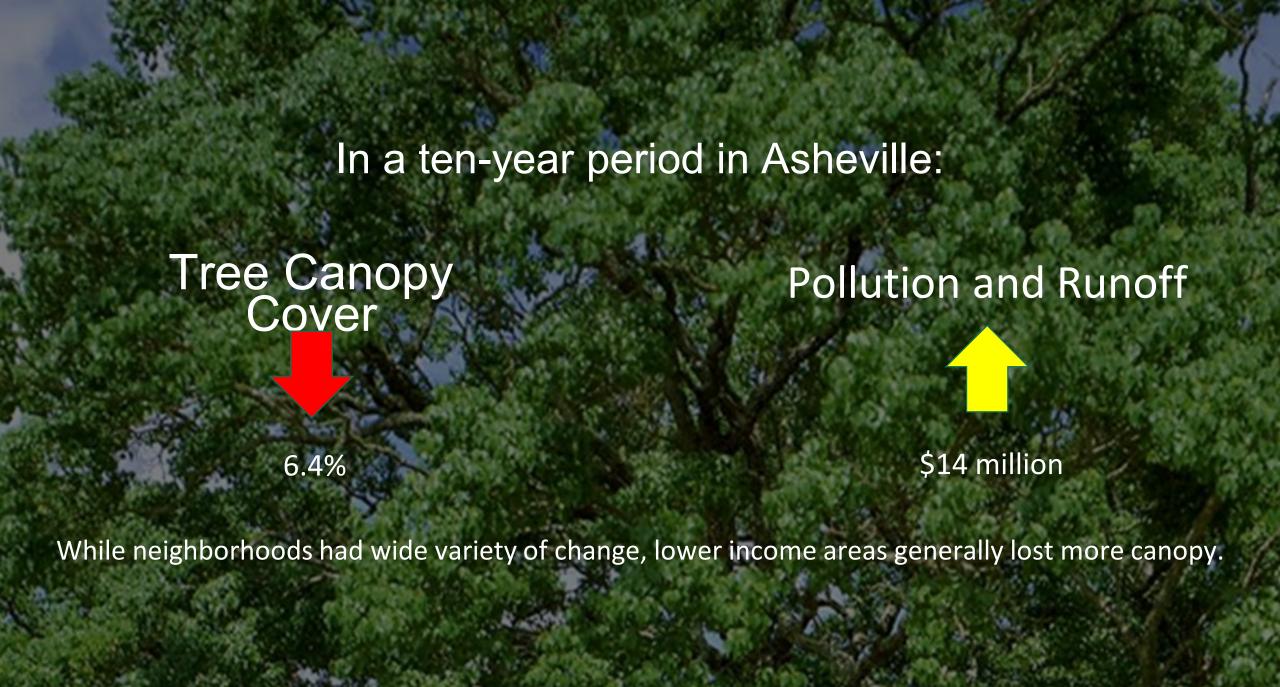
MITIGATION & ADAPTATION

Building resilience in vulnerable communities in Asheville

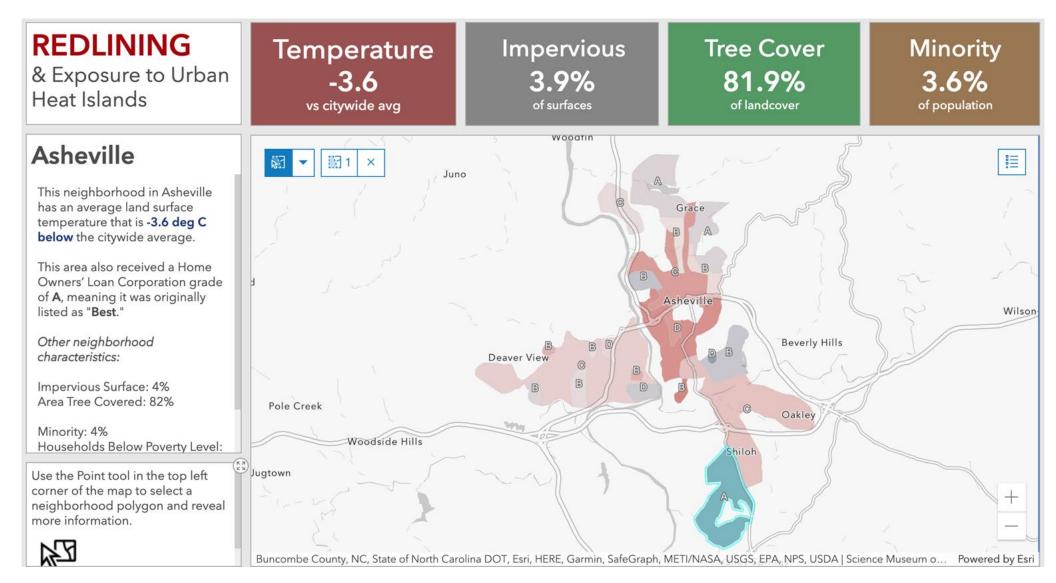




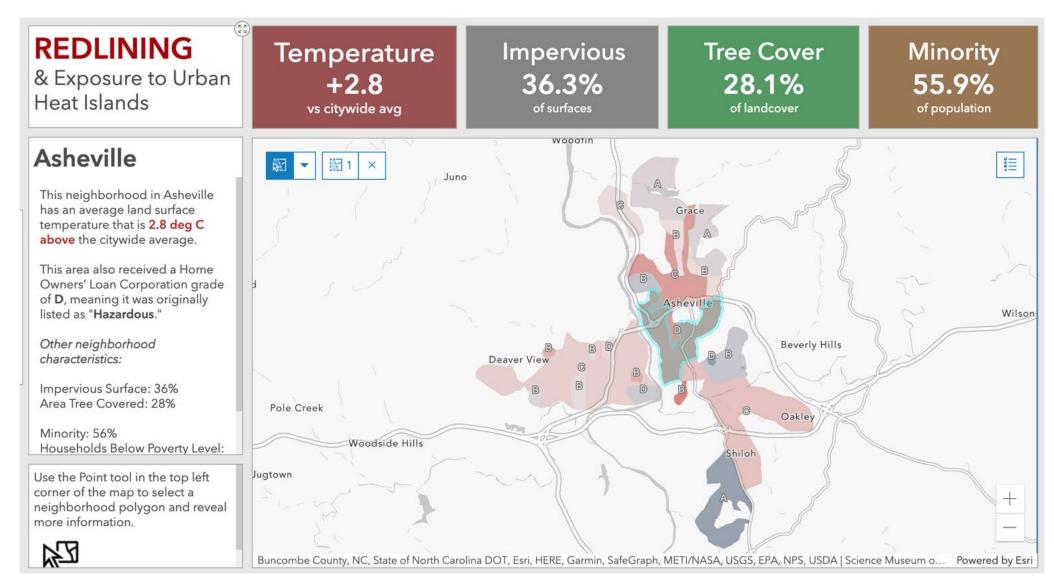


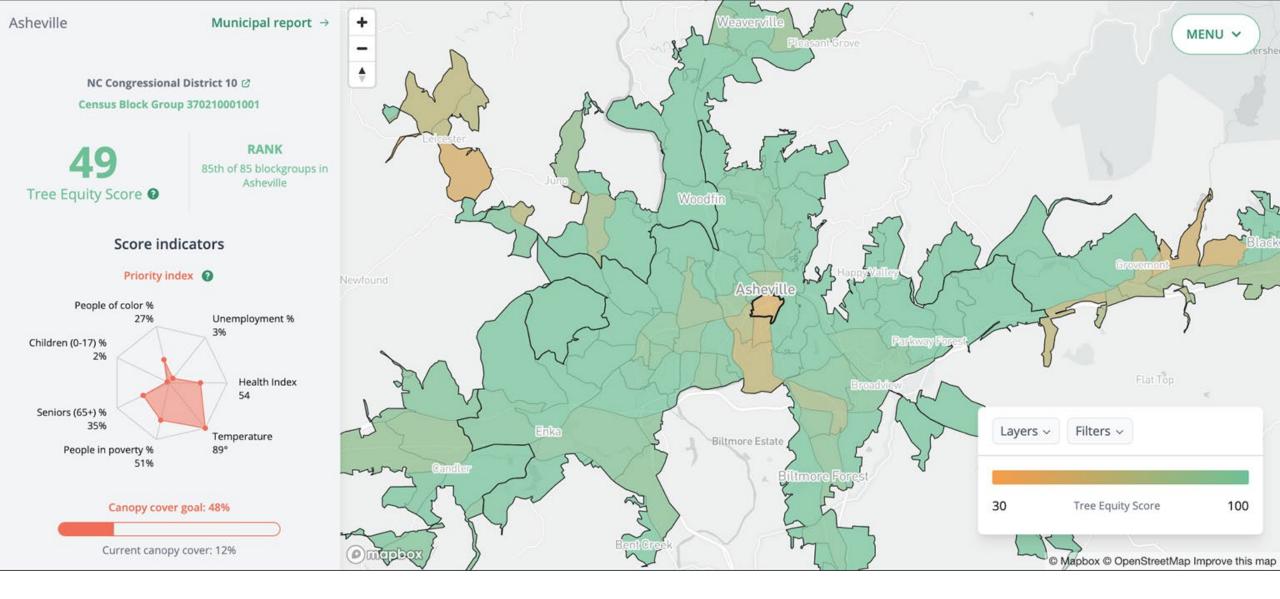


Biltmore Forest

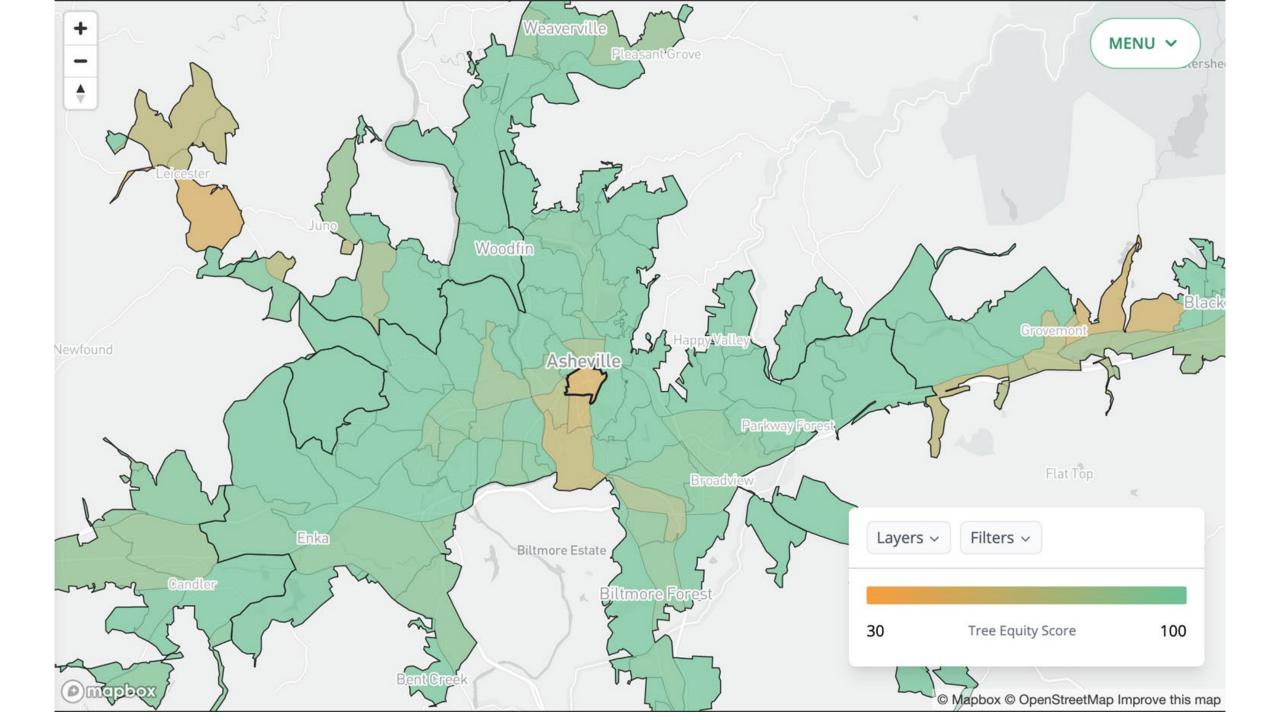


South Slope/South Side/South FB





treeequityscore.org



NC Congressional District 10 🗹

Census Block Group 370210001001

Tree Equity Score ②

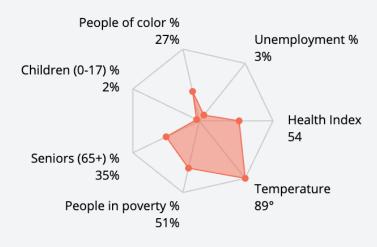
RANK

85th of 85 blockgroups in Asheville

Score indicators

Priority index ?

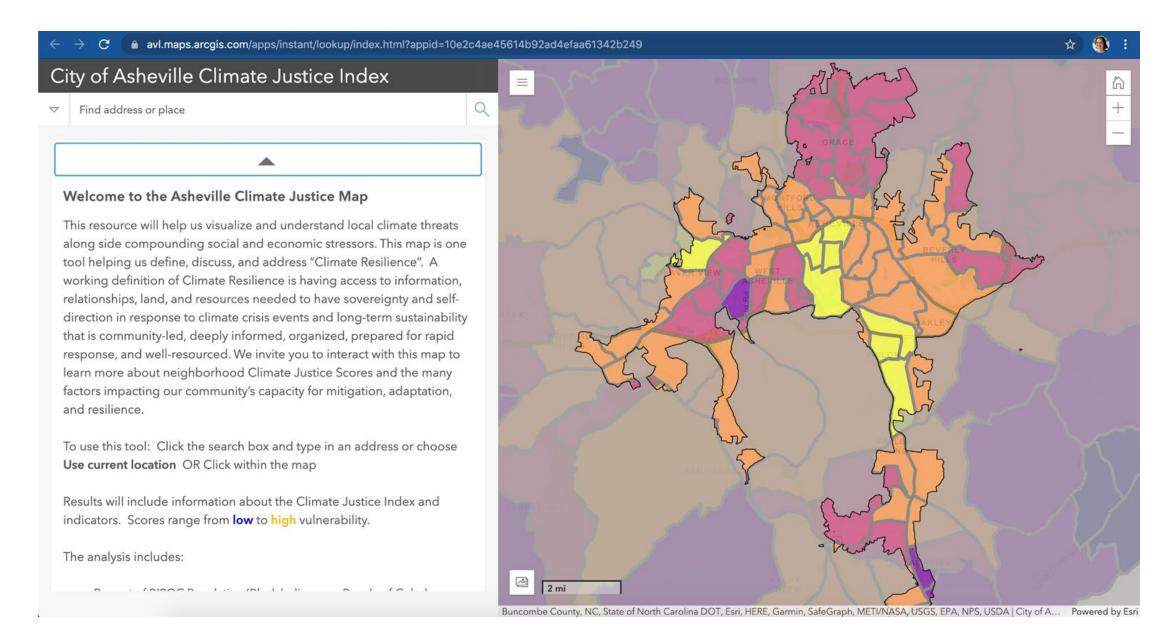




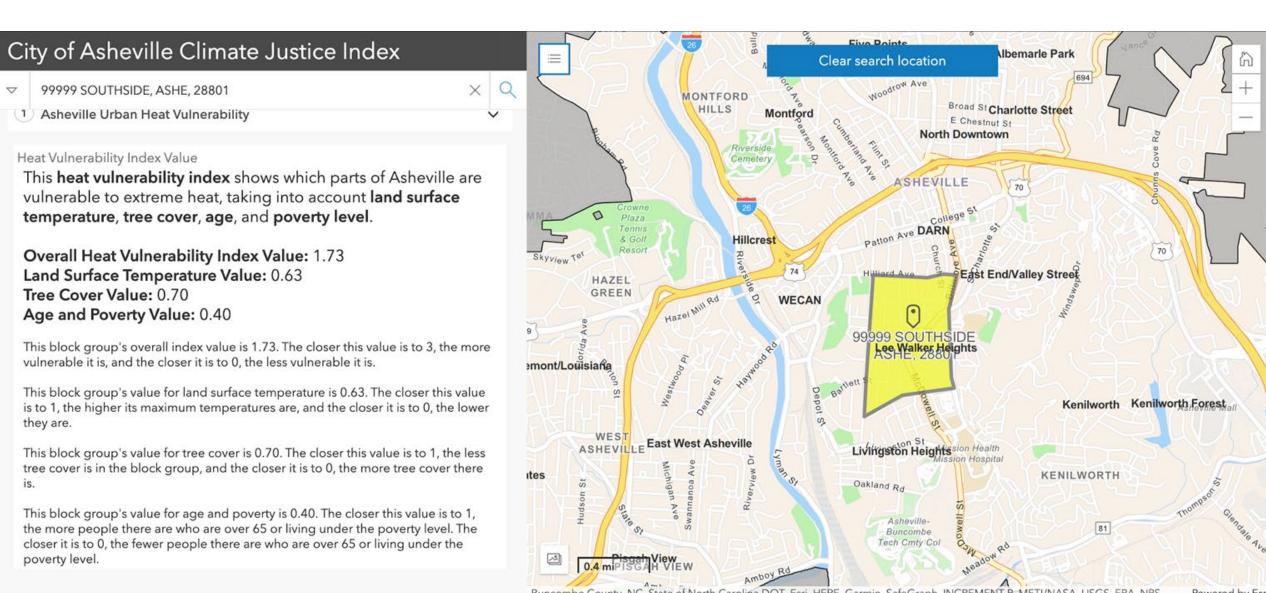
Canopy cover goal: 48%

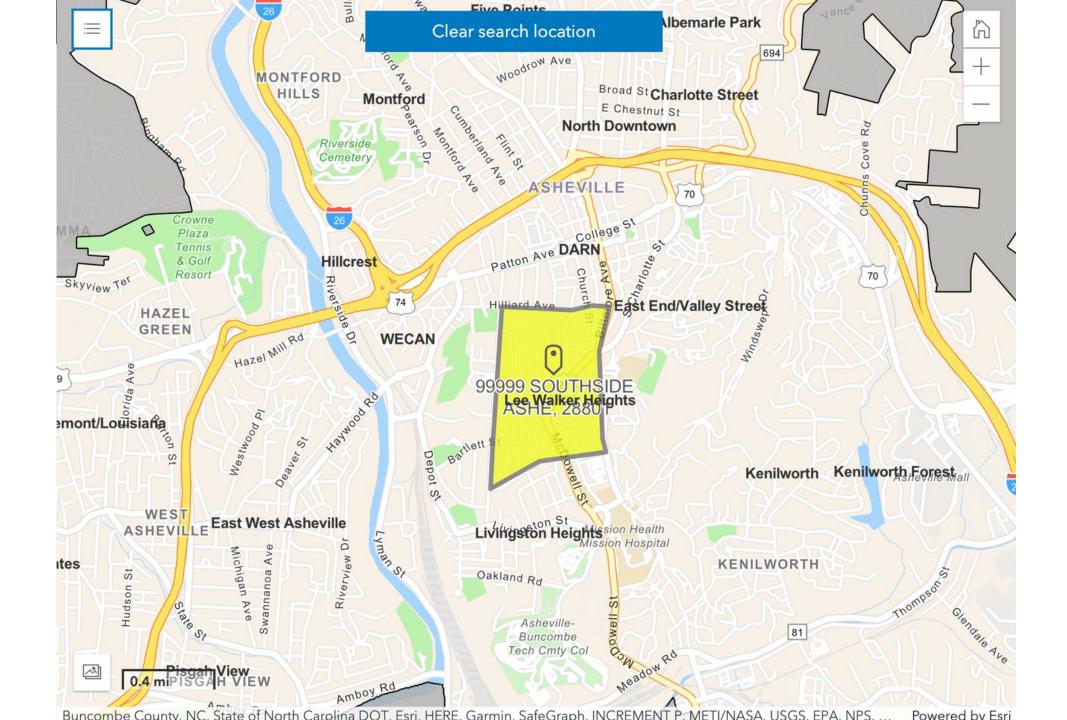
Current canopy cover: 12%

City of Asheville Climate Justice Map



Southside/Lee Walker Heights





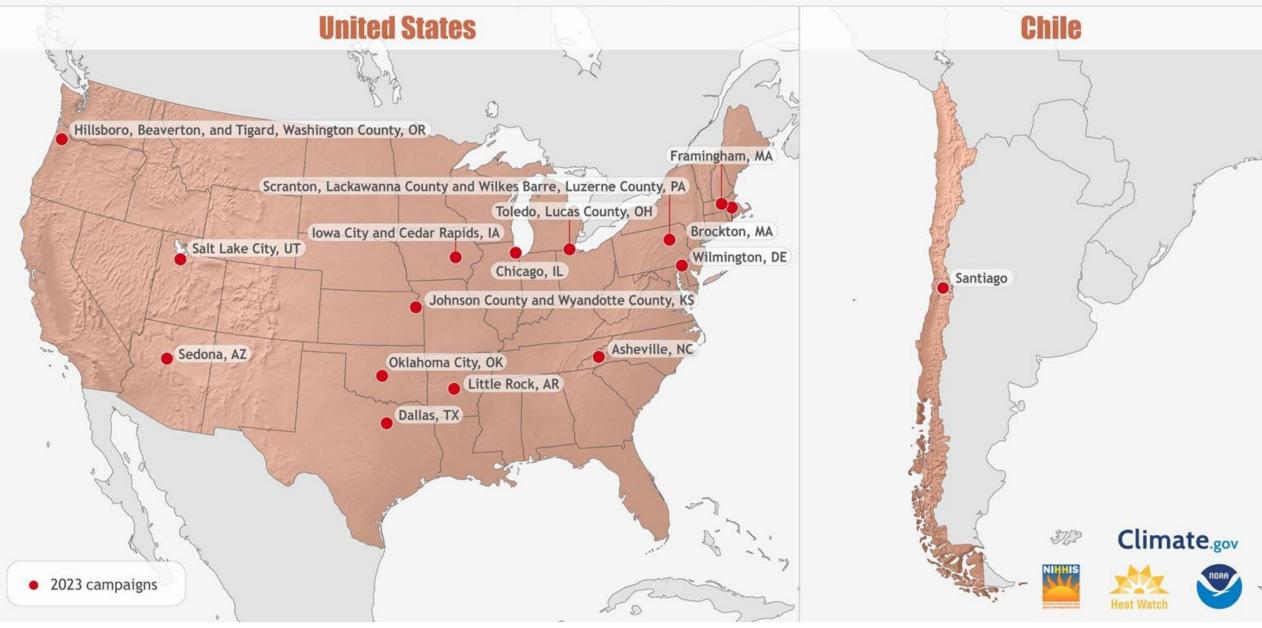




City Of Asheville, Urban Forestry Commission Team, NASA /

A map of Asheville created in 2019 using NASA Earth Observations to quantify the Impact of Urban Tree Canopy Cover on Urban Heat.

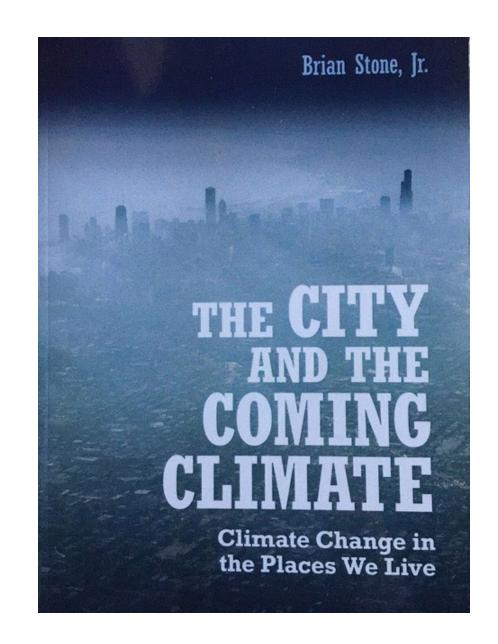
NOAA Urban Heat Island Mapping Campaigns: 2023 Locations





The City and the Coming Climate (2012)

by Brian Stone, Jr.





























Thank you for attending!



www.ashevillegreenworks.org