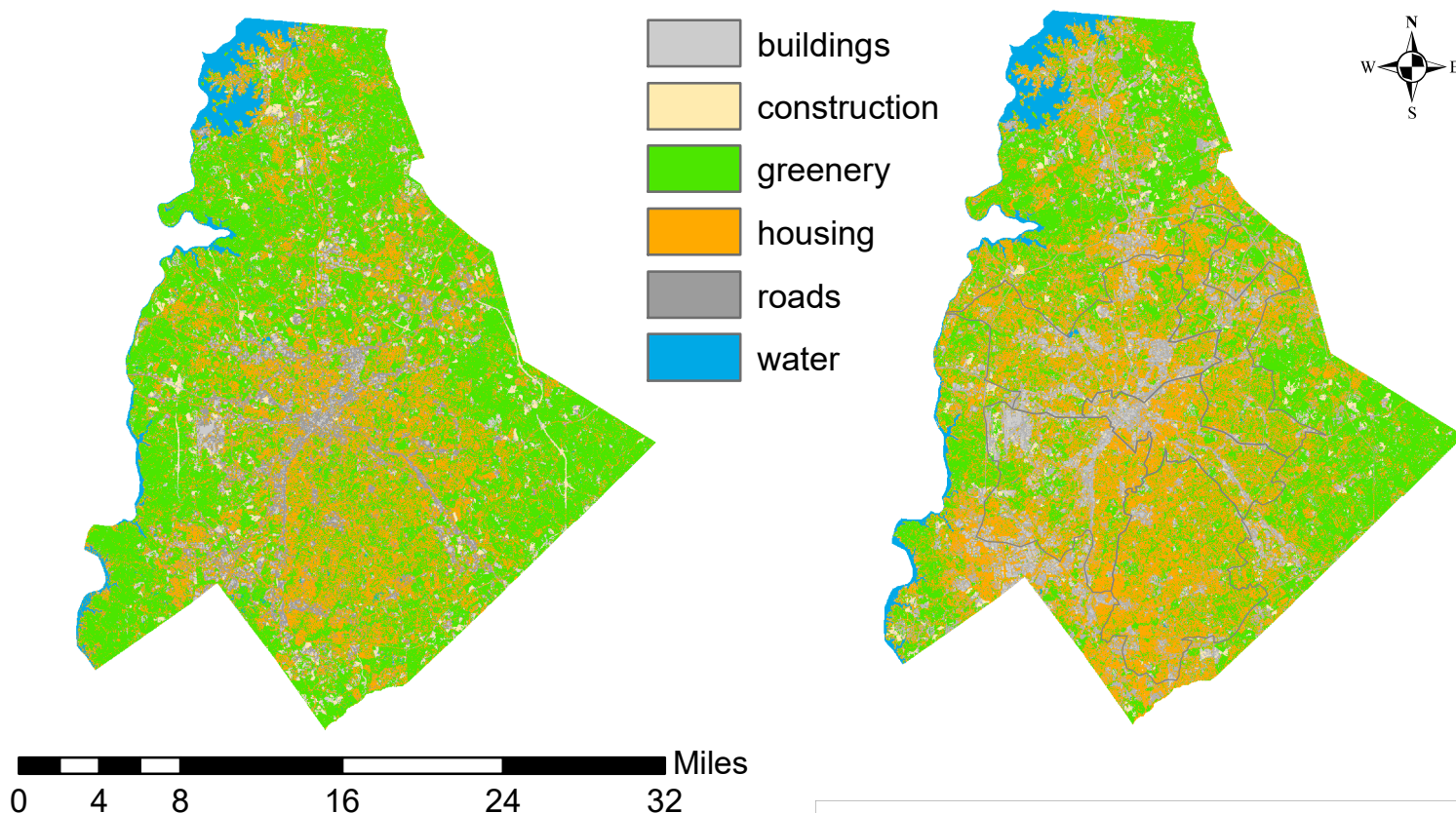


Mecklenburg County, NC - Construction growth 2000-2019

Charlotte city resides in Mecklenburg County, North Carolina, one of the fastest growing counties by population in the United States. We analyzed the construction boom that has taken place over the years from 2000-2019. The boom started in the 90s, but we limited our analysis to landsat 7 and 8 images only.

2000: housing construction was taking off as population had increased 2.5% per year all through the 90s

2019: housing growth has enveloped and spilt past Charlotte city limits



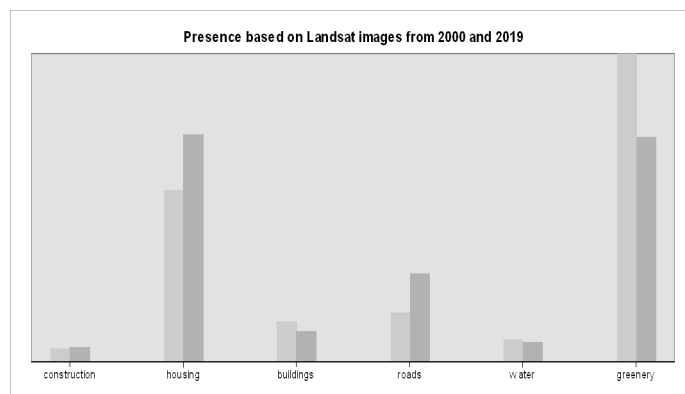
Although the county has sectioned off some areas as nature reserves, overall we see greenery being replaced with expansive housing communities and urban centers.

Given the city is:

1. growing (census shows population growth of >1.5% per year over the last 20 years),
 2. has low climate risk (inland, no rivers), and
 3. located close to a major airport (ATL is a 4 hour drive)
- we expect the county to continue its growth post-pandemic.

Further, incorporating climate friendly initiatives such as:

1. greener buildings (solar panels, white roofs, insulation)
 2. EV initiatives (charging stations, rebates)
 3. street cooling (trees, water bodies, white tar)
- into the county's continued growth should set the region up for the latter part of this century.



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Data Sources: Earth Explorer (USGS), US Census Bureau