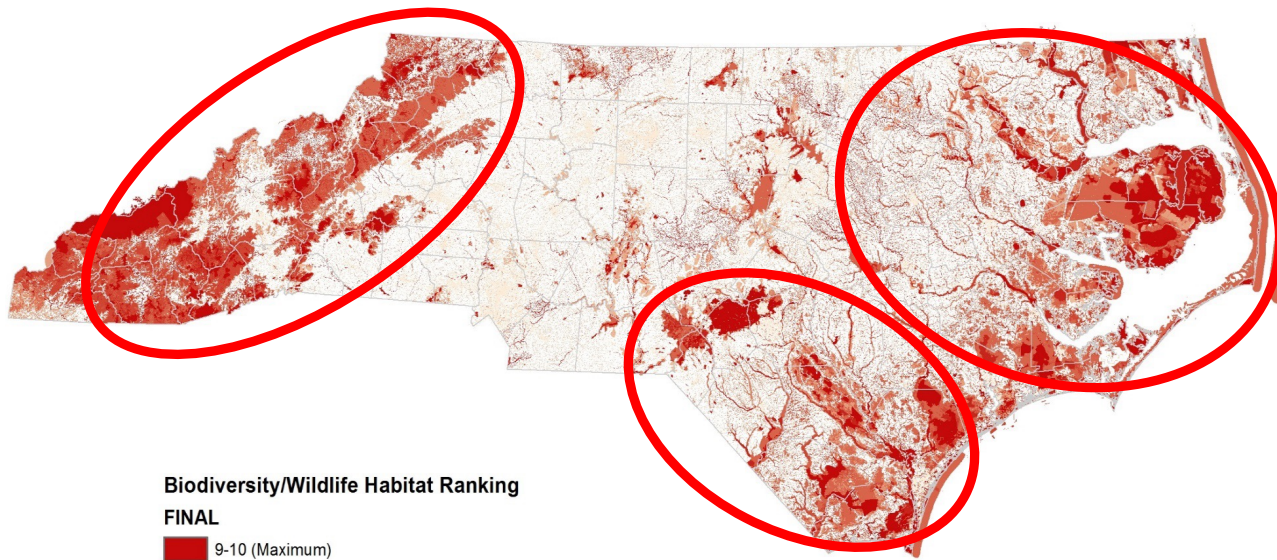
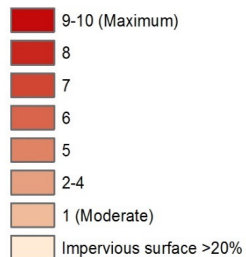


Biodiversity/ Wildlife Habitat Rankings



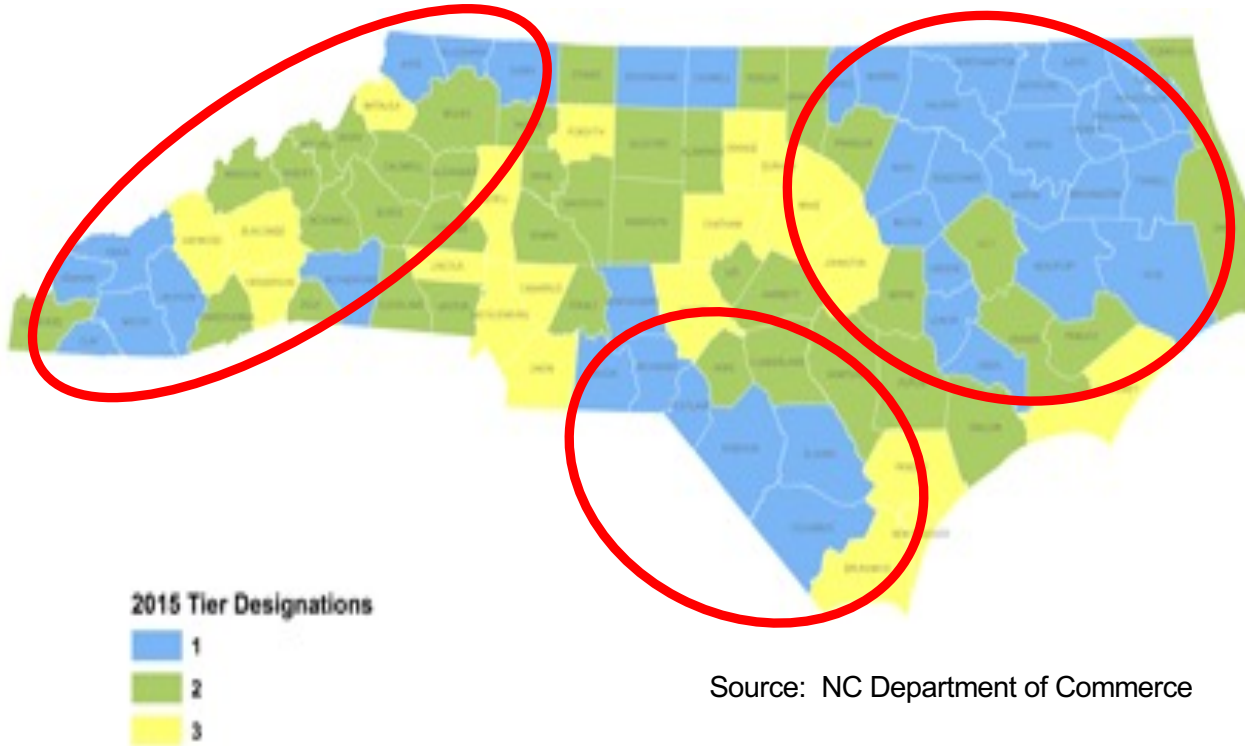
Biodiversity/Wildlife Habitat Ranking

FINAL



Source: NC Department of Environment and Natural Resources

NC County Tiers



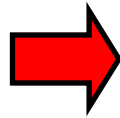
Source: NC Department of Commerce

Addressing Root Causes

“Conventional Wisdom”:

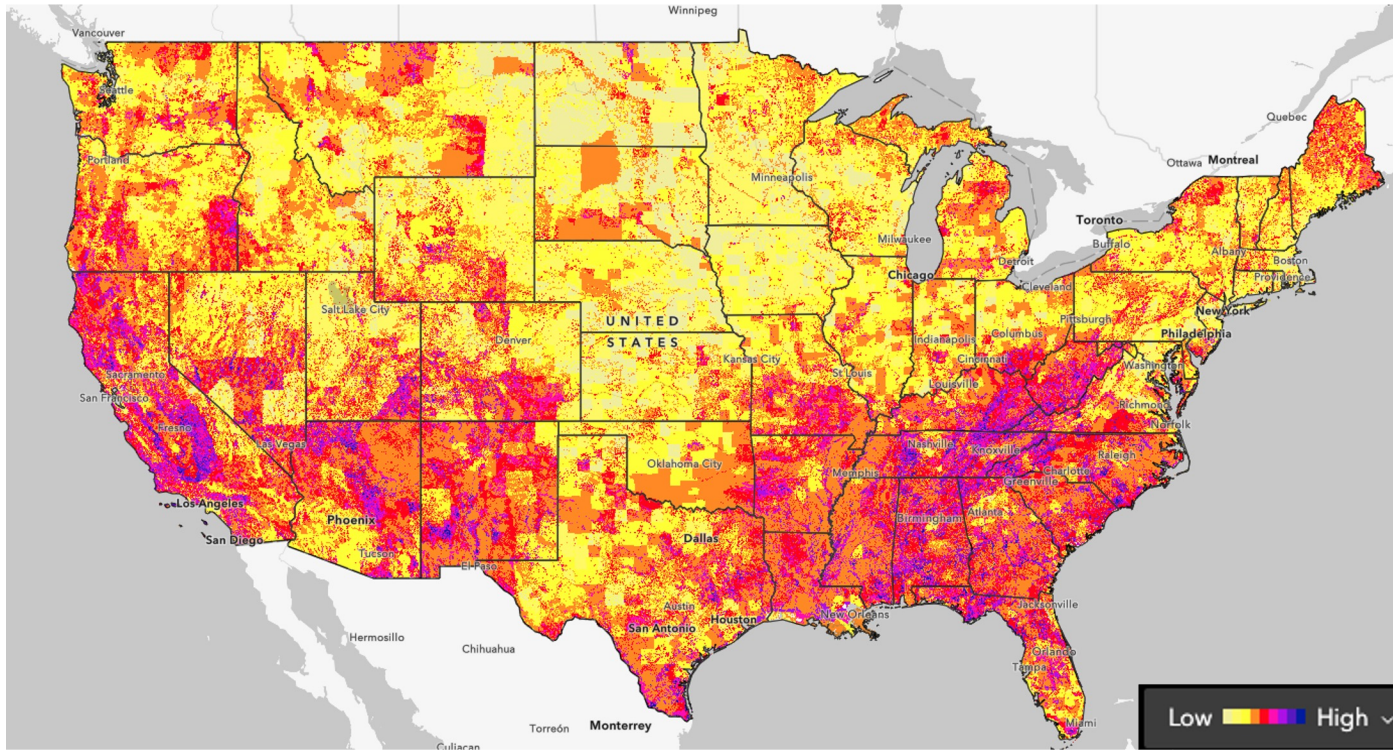
Attributes environmental degradation to landfills, hog farms, chemical plants, land conversion, etc.

The Reality is that social and economic distresses are the root causes of community decisions that lead to degrading activities



- Poverty
- Racism, class-ism, sexism & other “isms”
- Power imbalances
- Disenfranchised communities
- Low educational attainment
- Lack of leadership
- Poor health outcomes

Using Nature, Climate & Equity Lens to Prioritize Need



The Center for Geospatial Solutions at the Lincoln Institute of Land Policy has developed an [interactive tool](#) that allows users to create maps using comprehensive datasets that highlight the conservation goals in the Biden Administration's 30x30 Initiative. The map at left equally weights:

- **Nature** (Biodiversity importance)
- **Climate** (Resilient and Connected Landscapes)
- **Equity** (Multidimensional Index of Deep disadvantage)

...and clearly illustrates the importance of strategies that include Indian Country, Appalachia and the Deep South

Small-Acreage Landowner Lessons from a Sub-Watershed

Draft

- Landownership patterns in a very low-income Black community
- 6,768 parcels mapped/ analyzed for water quality protection
- Average size of top 100 priority parcels = 18.3 acres
- 89 of top 100 less than 20 acres, 78 <10 acres, 67 <5 acres
- How can we reimagine our measures of success?
- How can we reconfigure our business models to support small-acreage landowners/ stewards?
- How can we change decision-making criteria to more effectively engage with small-acreage landowners?

