i-Tree Open Academy
Session 4
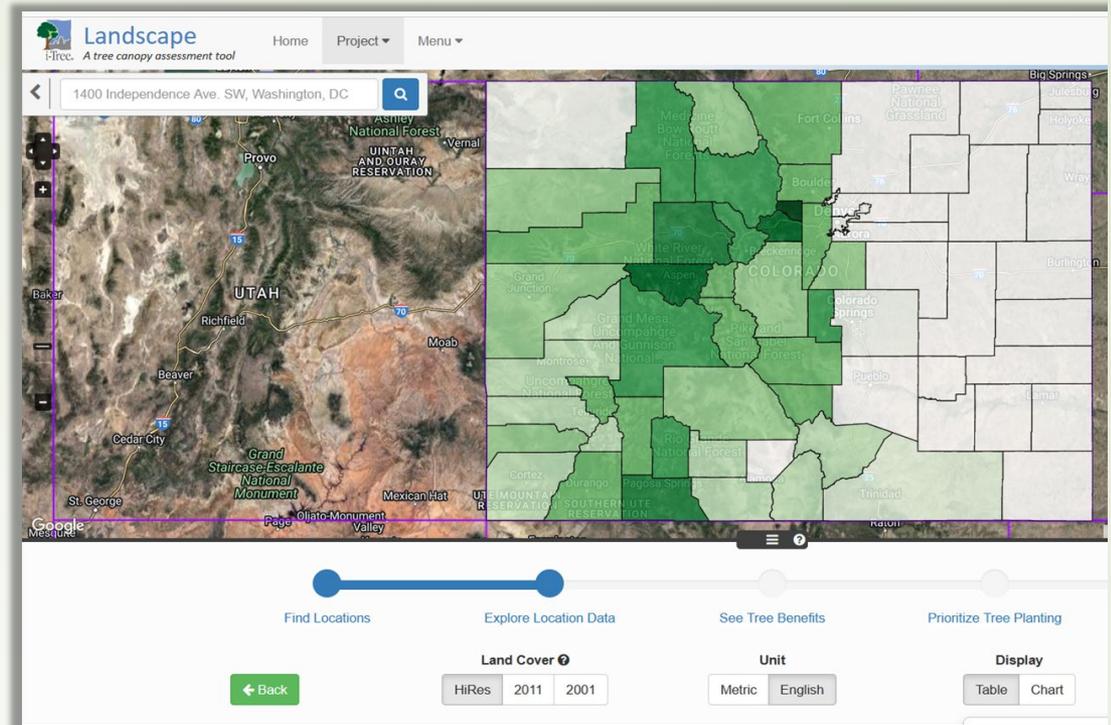# *Seeing The Forest For The Trees*

The Landscape of Canopy:

Map-based Tools For Benefits Assessments
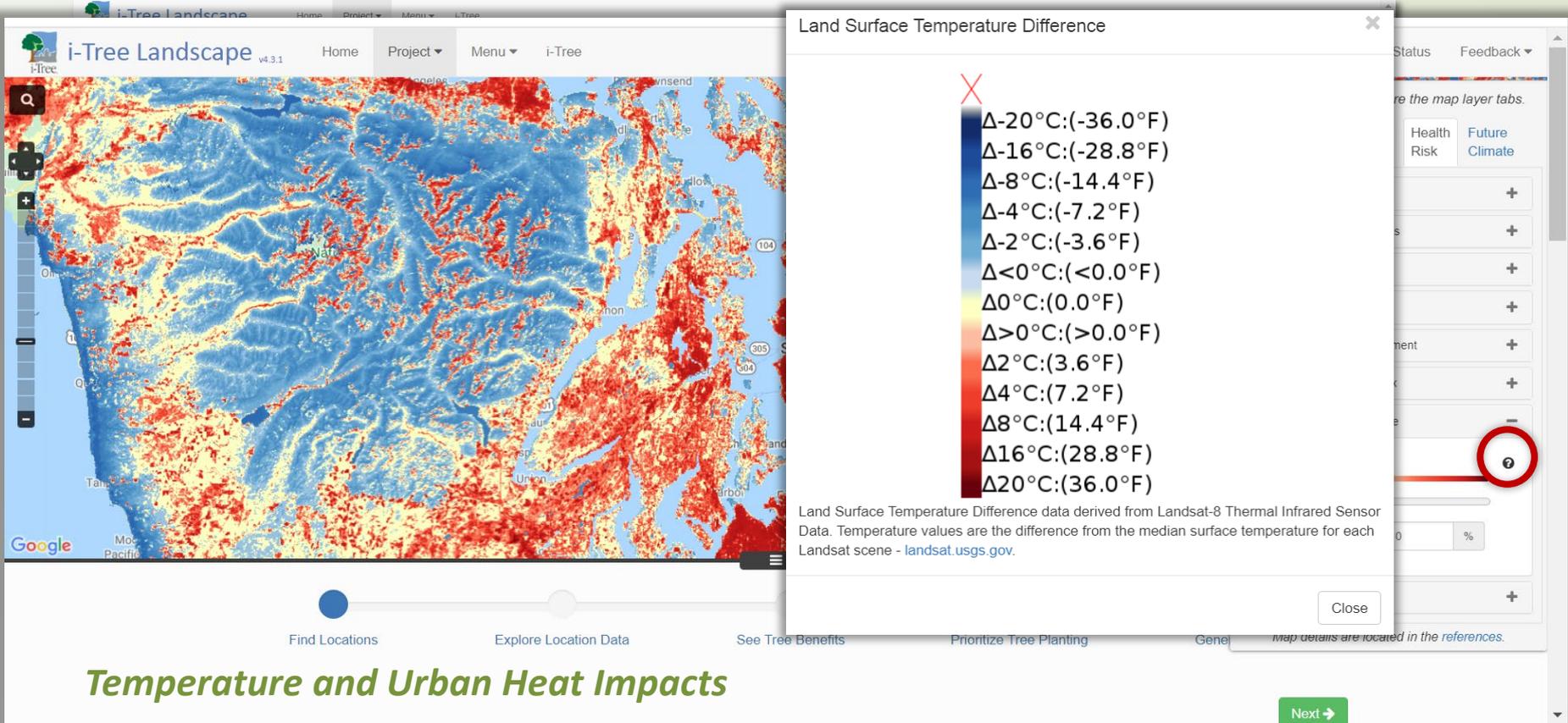
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Looking Through Landscape to See Canopy in Action

- **Visualizing the environment** helps us see it in context
  - Trees + people +habitats + infrastructure: *connections*
- Landscape brings **USFS tree benefits science** to a nationwide map tool and offers a rich set of complimentary data

- Spatial distribution of resources and risks: visualizing **canopy impacts at neighborhood scale**

- Includes census demographic data and levels of environmental risk that can be used to **prioritize equity** across project locations

landscape.itreetools.org
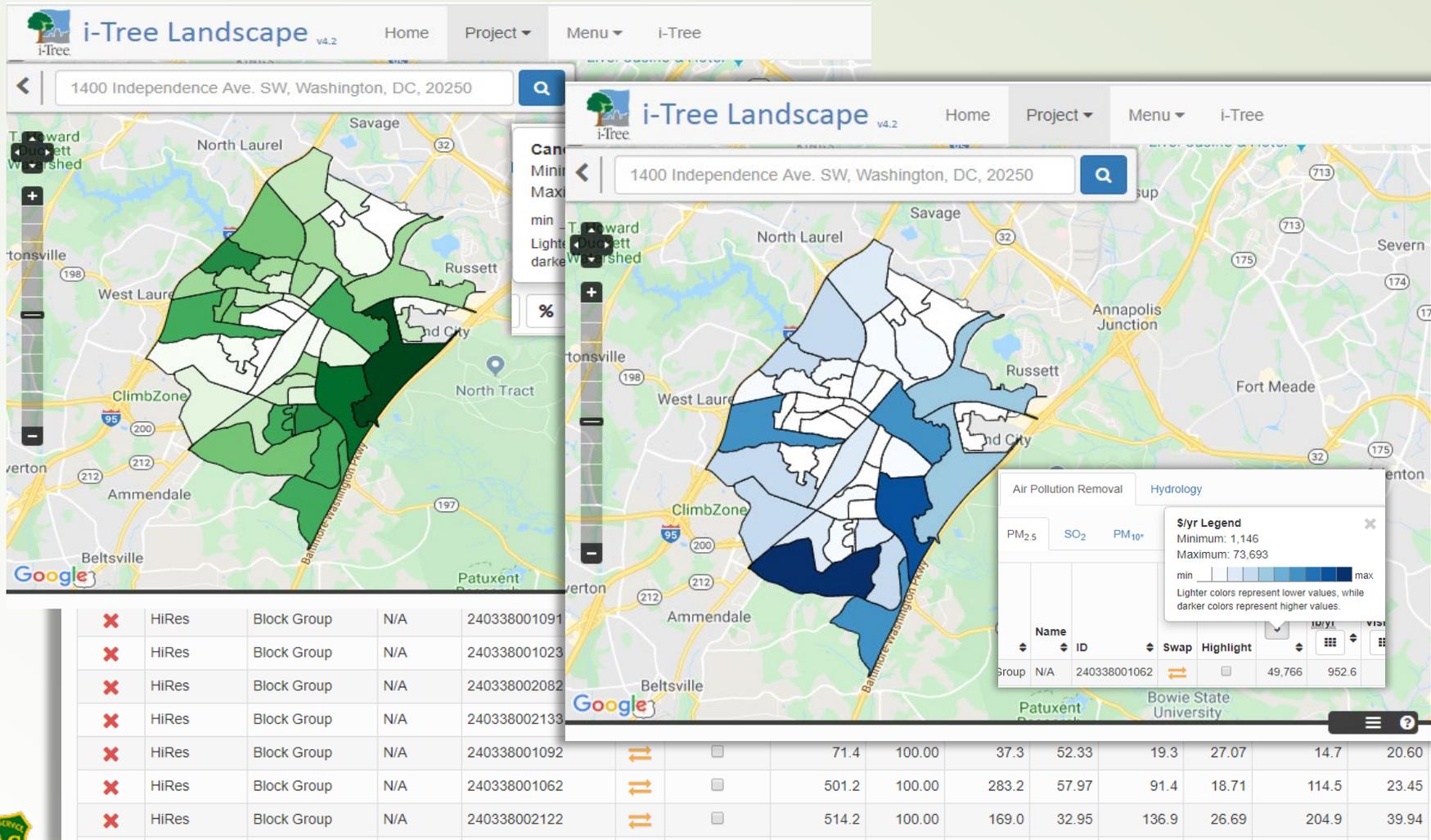
Canopy, Climate, and Census Data on a National Scale

Temperature and Urban Heat Impacts

See canopy benefits in action

Benefits on a Community Scale

- Census, canopy benefits, and land use

View Strengths and Priorities Across Geographies

Inform Community Decisions and Prioritize Strategies
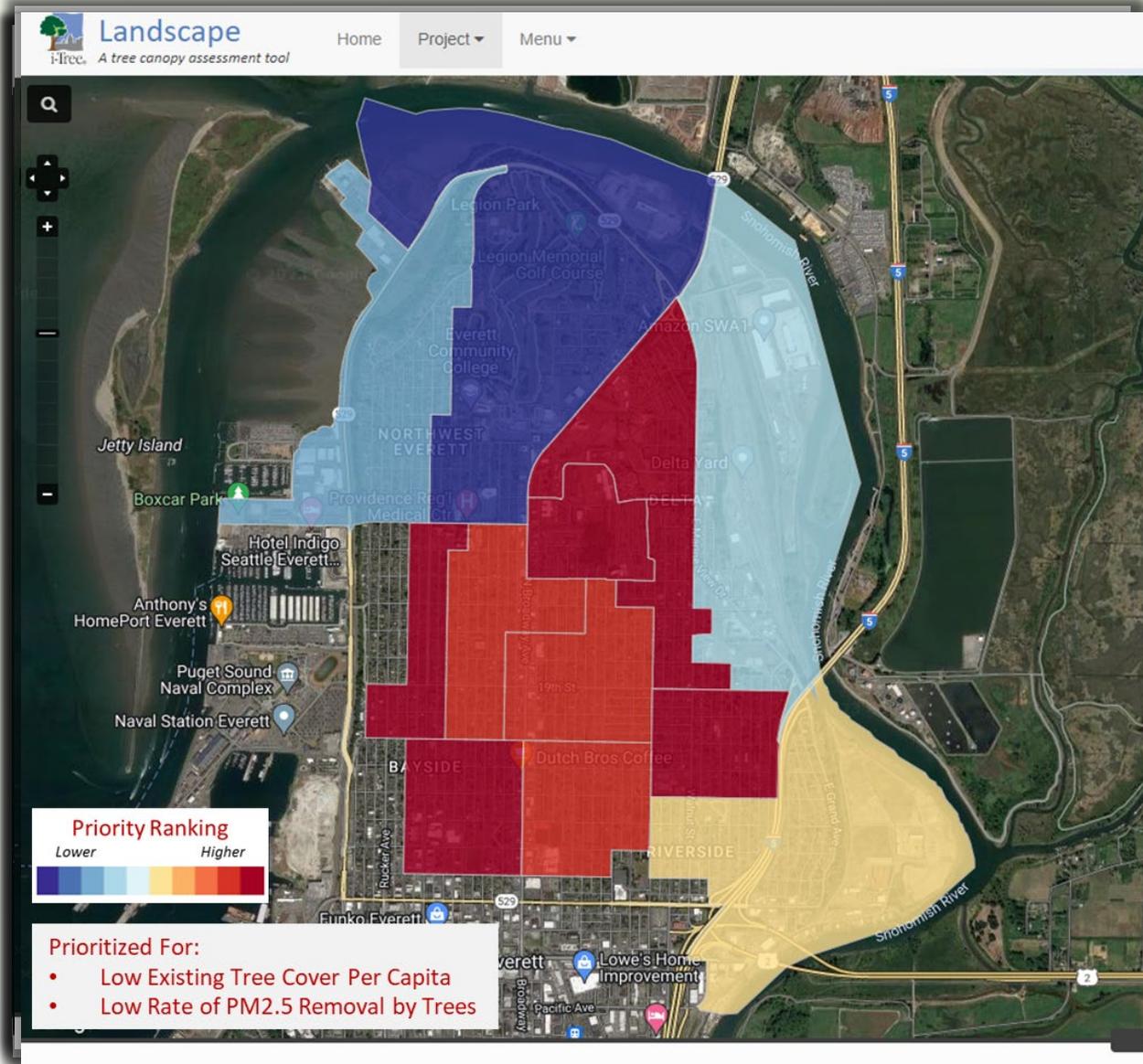
Everett, WA

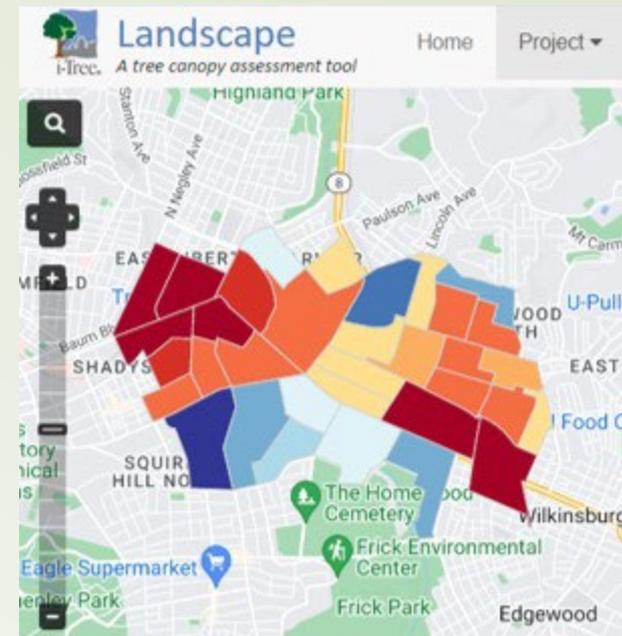# Inform Community Decisions and Prioritize Strategies

Everett, WA

Delta Neighborhood

The Lens of i-Tree Landscape

- See impacts on geographic scales that can highlight benefits in action
  - Distribution of canopy and other resources: where does your landscape fit?
- Estimate future impacts of climate change
- Spatial breakdown of benefits: visualize data at neighborhood scales
- See impacts alongside demographic info that can inform decisions for social equity and city priorities
- Prioritization and Limitations
  - Focus on neighborhoods where you want to increase canopy benefits
  - Data layers are publicly available, and not directly downloadable from Landscape itself
  - For use in the US, working with layers available on a nationwide level

landscape.itreetools.org/

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Reveal Your Landscape

Letting It All Sink In

- *Knowledge is power –*
- *Use your power for good!*

- *info@itreetools.org*