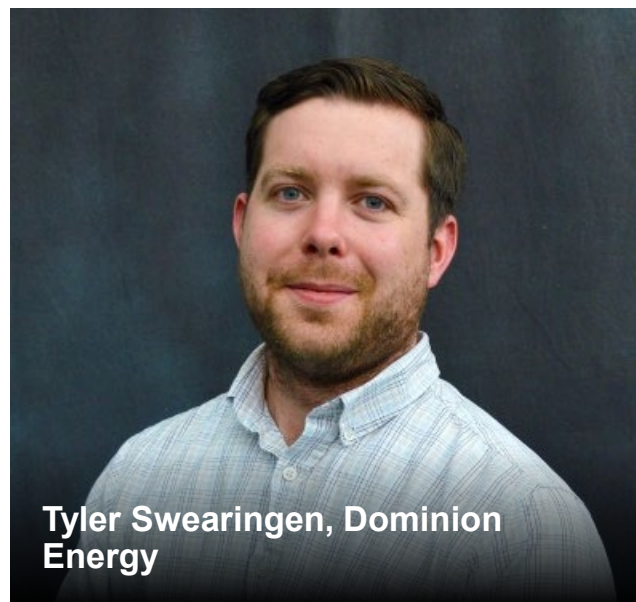


Next Steps: How Do We Work Together Going Forward



Josephus Allmond,
Commonwealth of Virginia



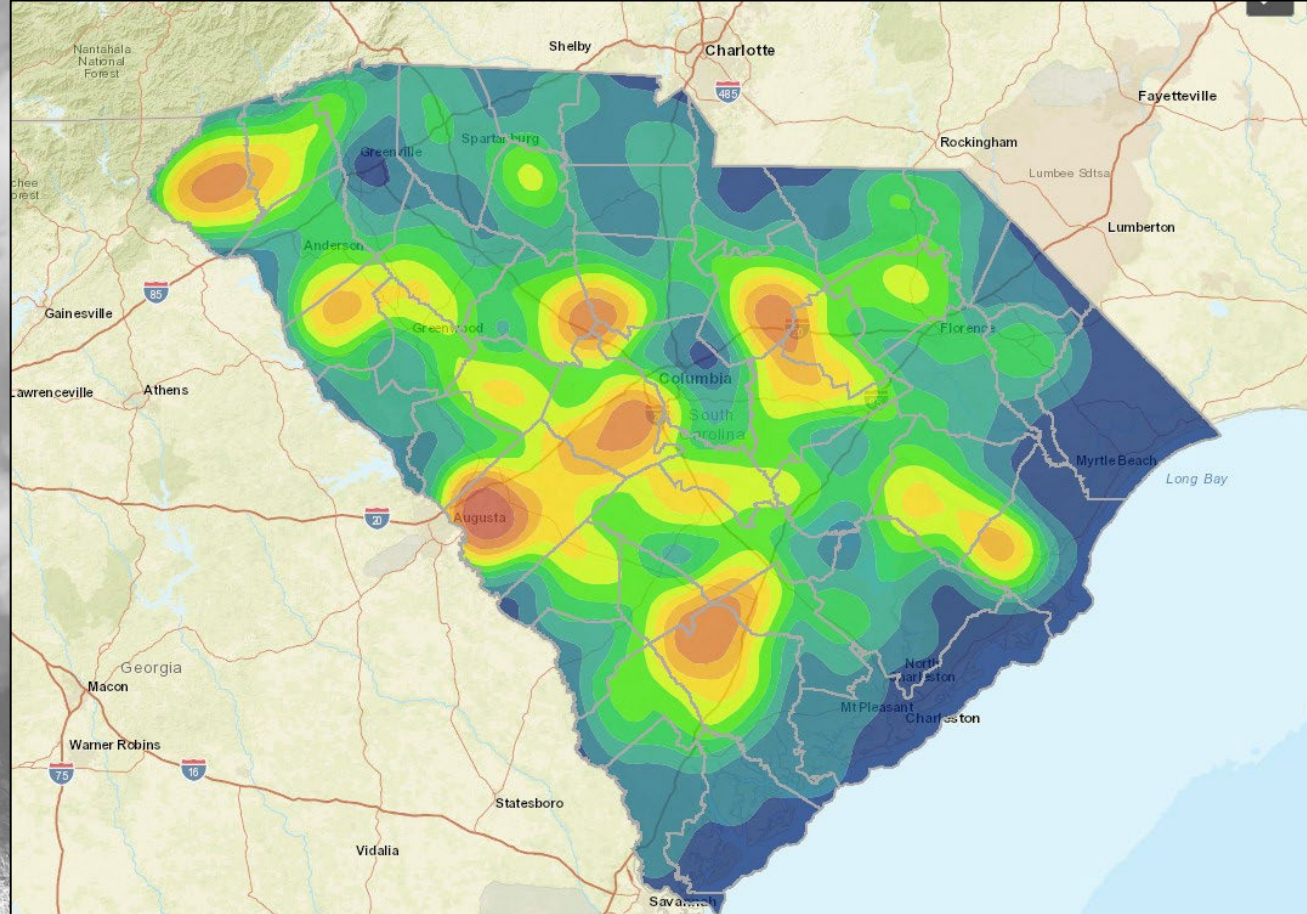
Tyler Swearingen, Dominion
Energy



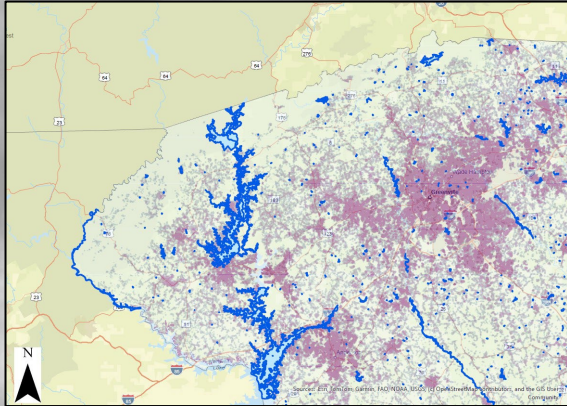
Darryl Jones, South Carolina
Forestry Commission

Wildfire Hotspots

Powerline Fires, FY2010-2025

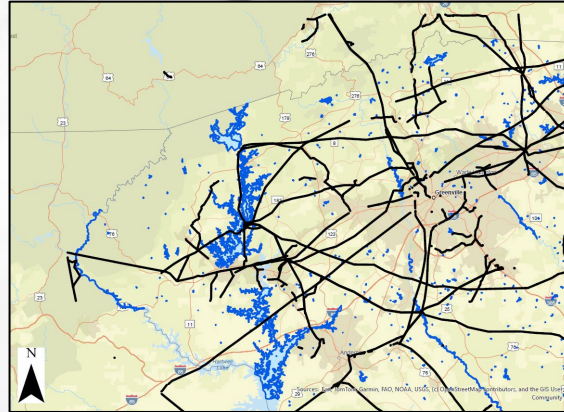


Where Should We Prioritize Mitigation?



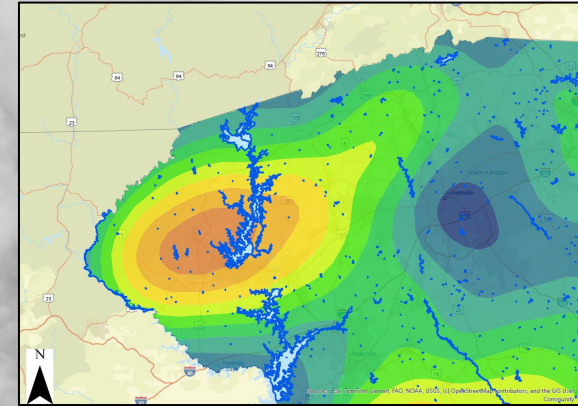
Housing Density

+



Transmission & Distribution Lines

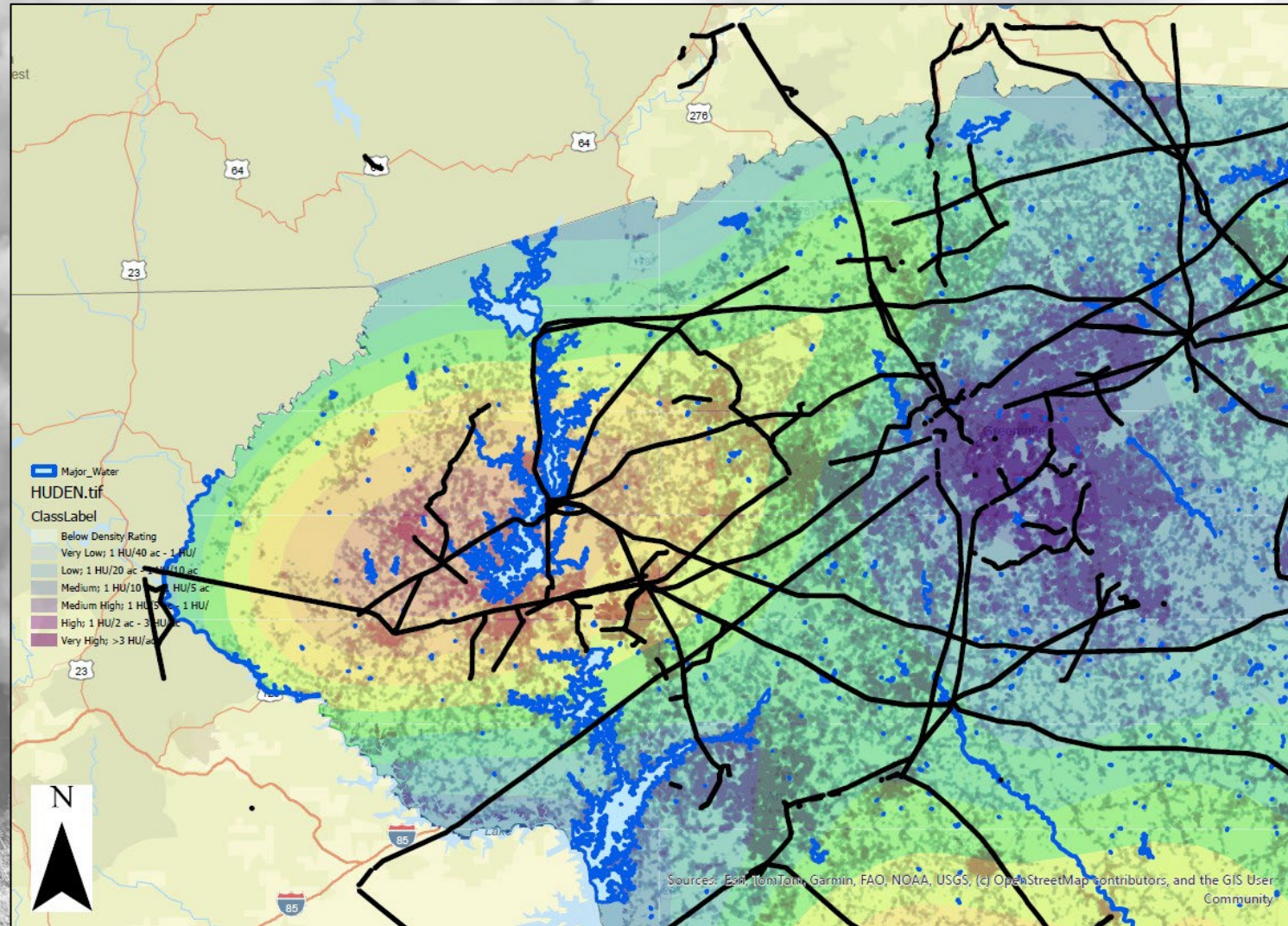
+



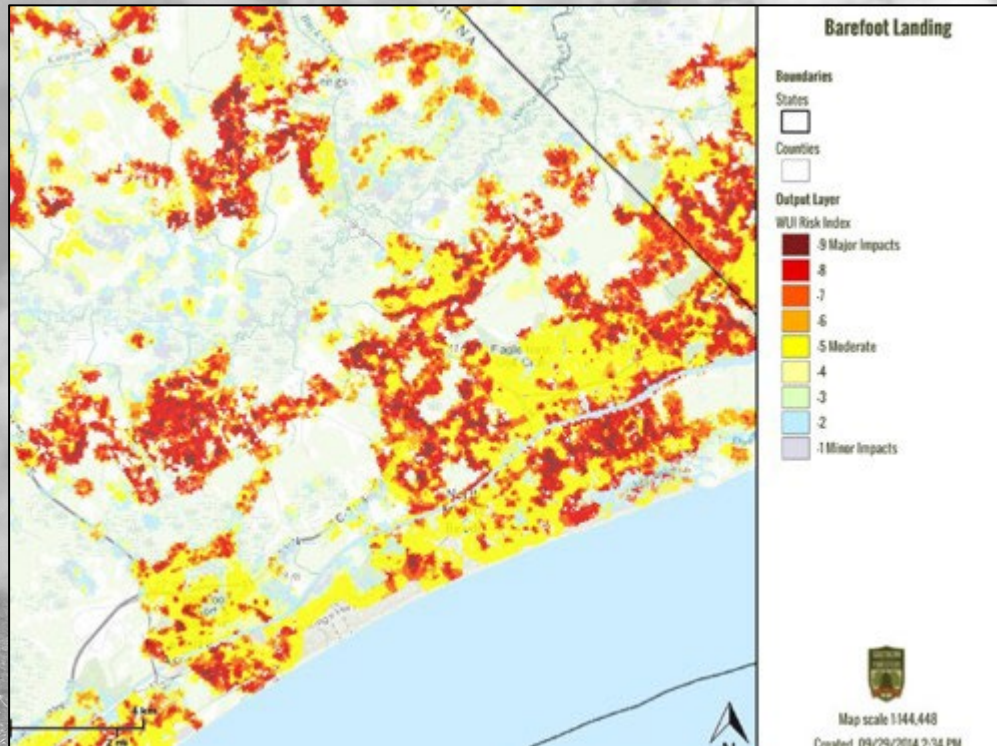
Powerline Wildfire Hotspots

- Most wildfires in the east are human caused
 - More population and infrastructure = more potential ignitions
 - Places that have burned before are likely to burn again
 - Where the “hoods meet the woods” creates Wildland-Urban Interface

Data Helps To Focus Our Work



Southern Wildfire Risk Portal



www.southernwildfirerisk.com

Free online tool allows you to visualize where multiple factors align to create wildfire risk

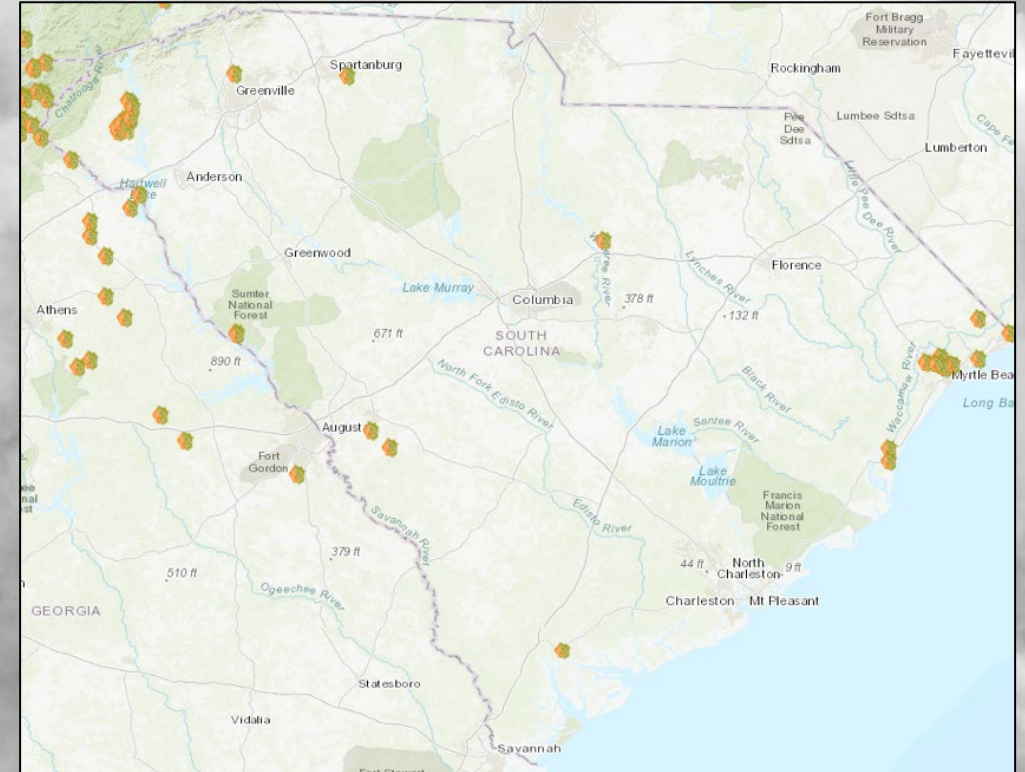
- Wildland-Urban Interface Risk Index
- Suppression Difficulty Index
- Burn Probability
- Wildfire Exposure Score
- Ember Production Index
- Probability of Extreme Fire Behavior
- Probability of Crown Fire
- Surface Fuels
- Rate of spread/Flame Length/Fire Intensity Scale/

Firewise USA Communities in SC

Firewise USA Status Achievement Cycle



Made with Napkin



SC has 32 Firewise USA communities in good standing; 9 additional in progress

Energy Provider Wildfire Engagement

Community Wildfire Protection Plans

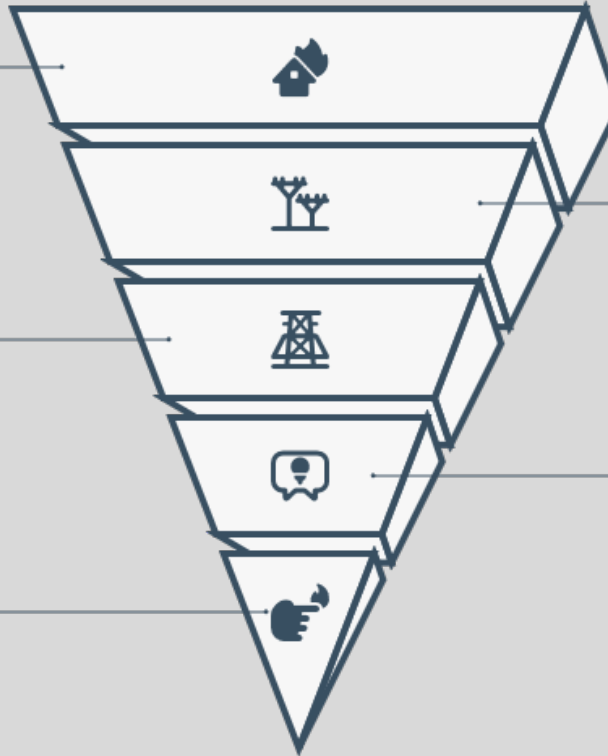
Participating in
developing plans for
wildfire mitigation

Infrastructure Hardening

Strengthening electrical
infrastructure against fire

Risk Mitigation

Reducing risks to
responders and
communities



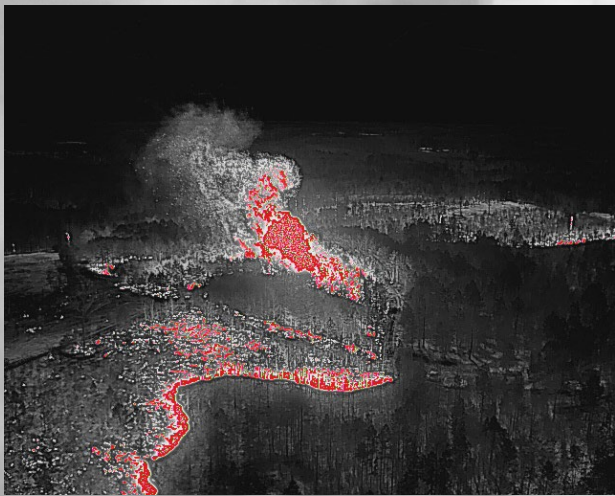
Right of Way Maintenance

Improving maintenance
of energy infrastructure
corridors

Information Exchange

Providing and receiving
information during
wildfires

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Pre-Fire Mitigation

Community Protection

Participate in community wildfire protection plans to improve infrastructure hardening and maintenance.

Long-term Prevention

Focus on right of way maintenance and hardening of electrical infrastructure.

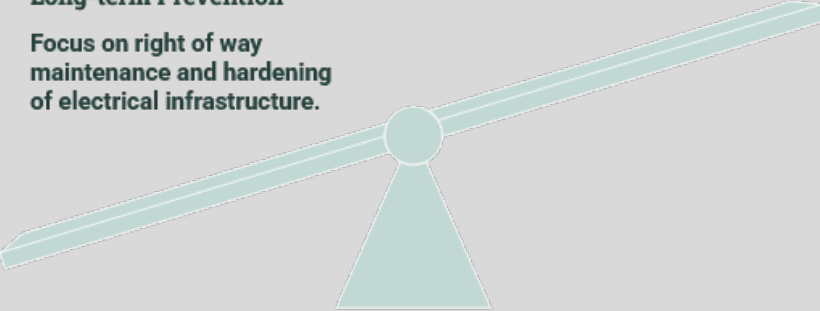
Active Fire Response

Information Exchange

Provide and receive data through Liaison Officers to mitigate risks to responders and infrastructure.

Real-time Coordination

Enable rapid information flow to allow firefighters to protect energy infrastructure.



Comparison of energy provider engagement strategies during wildfire lifecycles

Two ways energy providers need to engage related to wildfires.



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