

Why do you never invite an arboretum to a symposium?

...because they may never 

Exploring the layers of science and communities impacted by climate change through the lens of tree health

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How Did We Get Here?

**Western Redcedar monitoring
at Hoyt Arboretum**

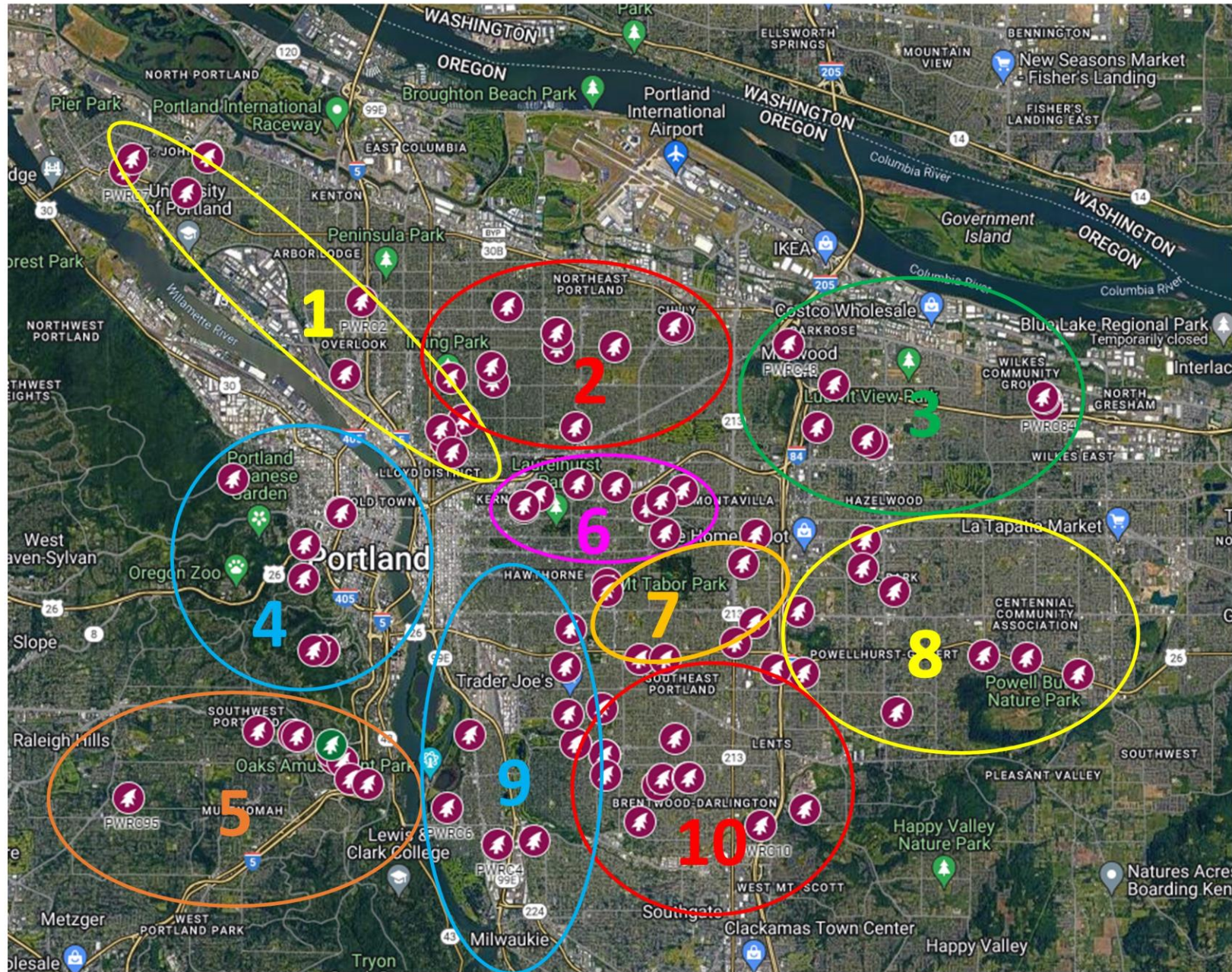
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**Climate change curriculum for
middle schoolers**

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TREE-mendous connection made!

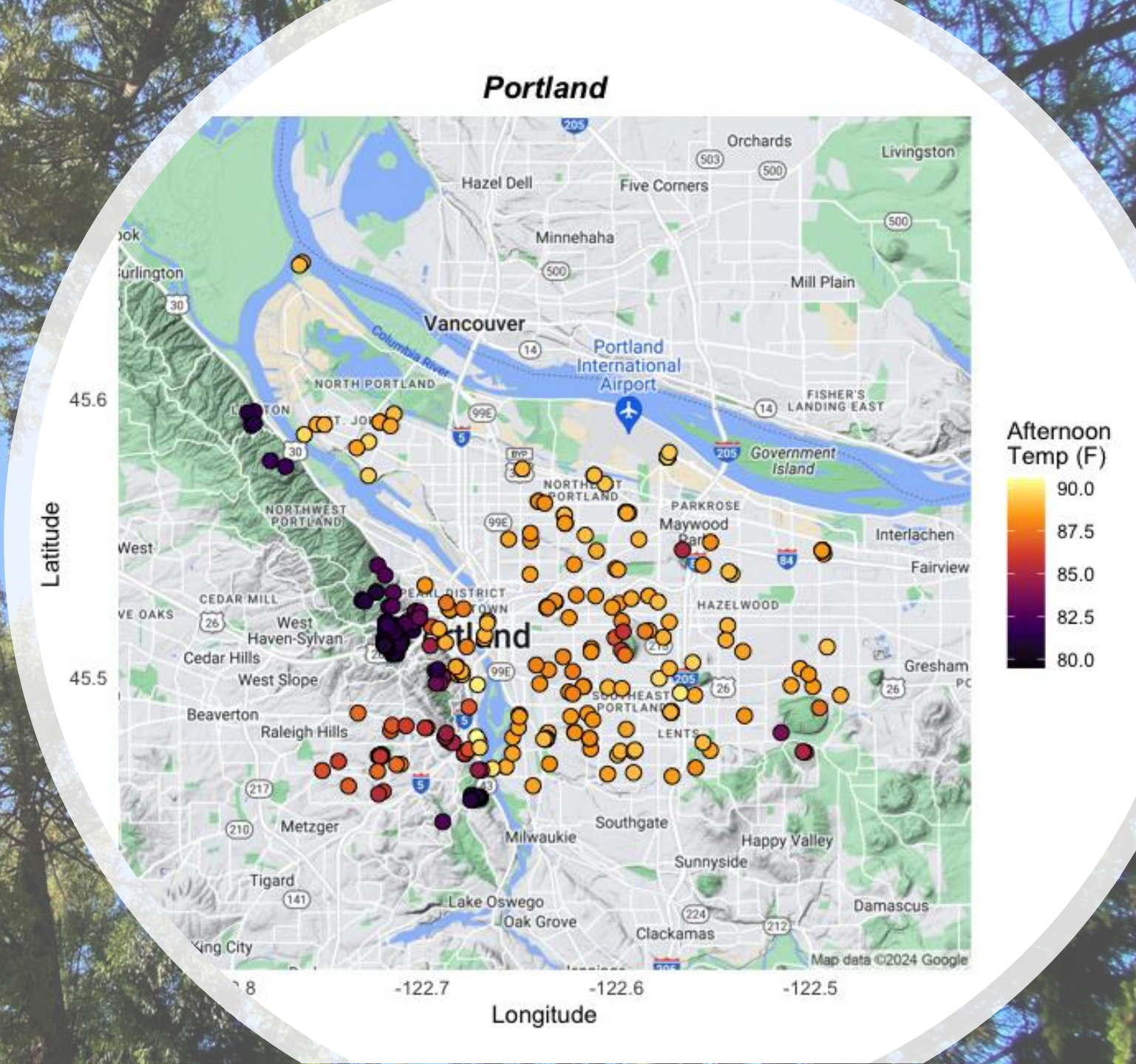
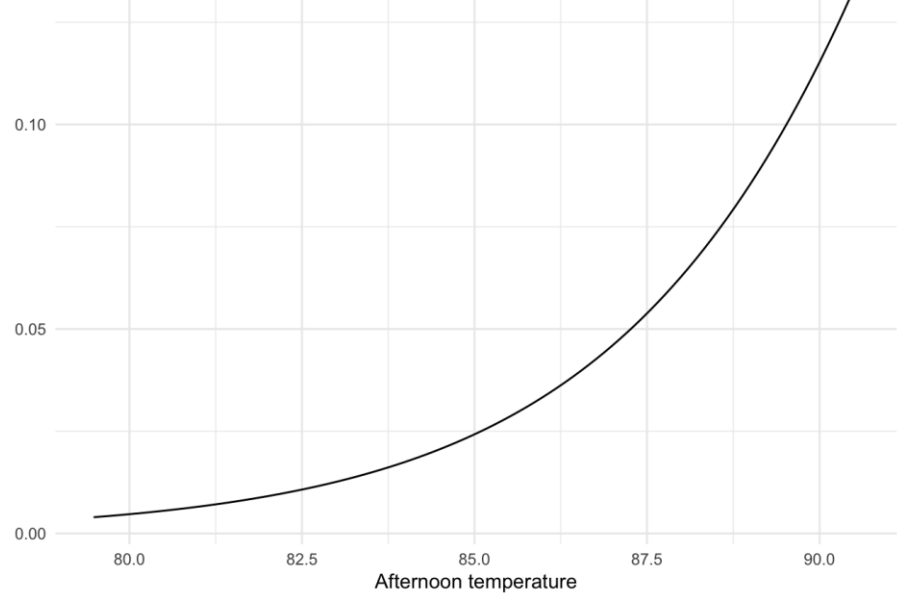
**Is there a
correlation
between
Western
Redcedar tree
health and
average
temperatures
in Portland?**

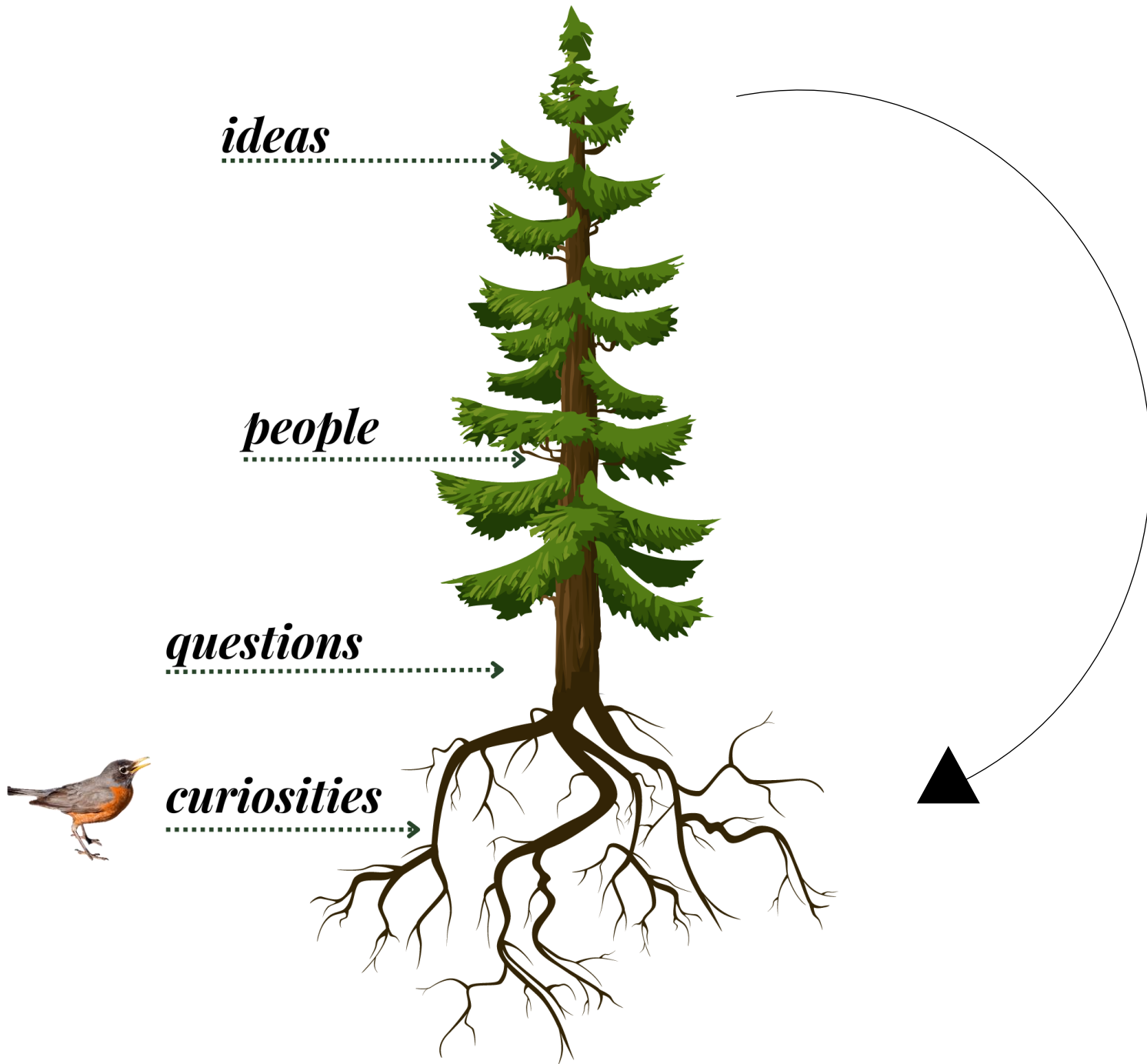




Generalized linear mixed effect model with binomial distribution

Probability of a dead top





Community Science

seeing the forest for the trees

- Brings us outside, closer to nature and into a mindset of observation
- A pathway to contribute in meaningful ways to overwhelming challenges like climate change
- *Information changes as we learn more, models aren't perfect but can give us a starting point or a range of possibilities that we can further refine* ~ Christine Buhl, ODF
- Science is ALIVE!

Think About Your Community

What curiosities exist?

Any unanswered questions?

Do you have people you can engage?

Where will new ideas lead you?

What's Next for Us?

Observe more trees!

Keep sharing with middle school students

THANK YOU



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Hoyt
Arboretum
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