

# Fungal Recovery after Forest Fire

Spencer McGee, Alyssa Tidwell, and Geoffrey Zahn

## Why is this research important?

- There is very little information about soil fungal community recovery time after a fire.
- The data we gather can be helpful to ecologists and land managers in Utah as well as members of the timber, logging, and tree farming industries.



## Our purpose:

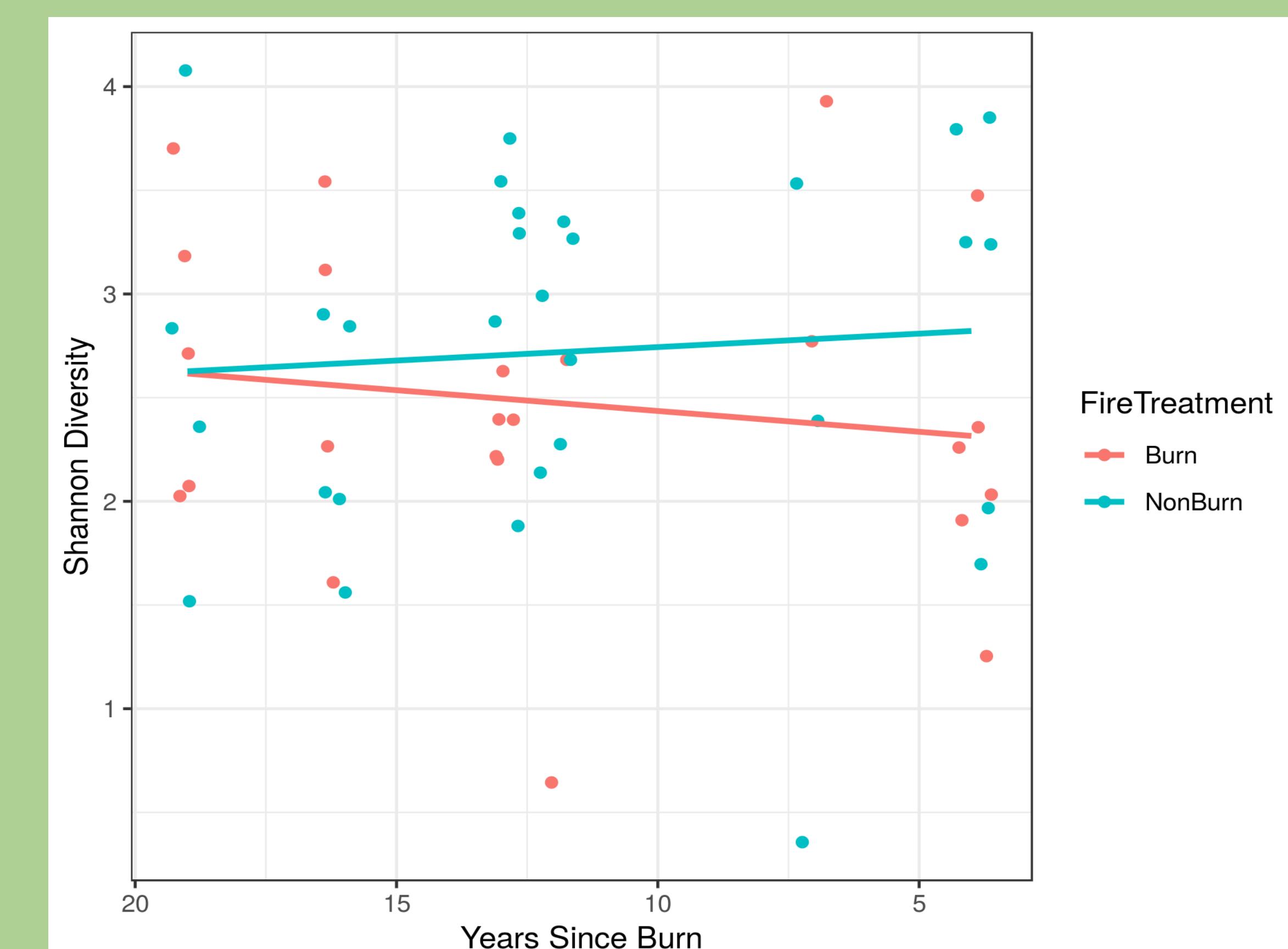
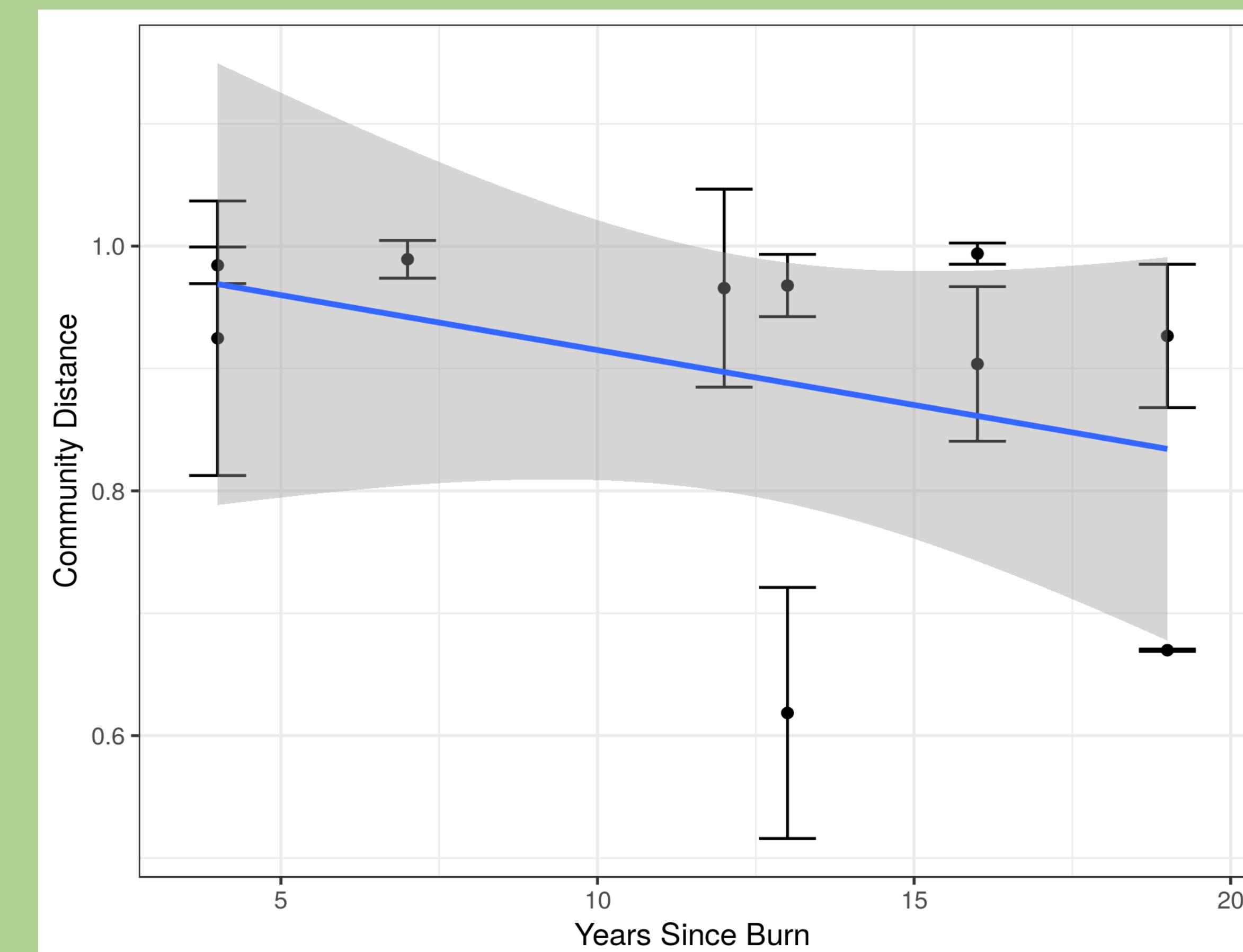
- To understand how drastically fungal communities are changed by forest fires, and how lasting these effects are.
- To determine whether or not mycorrhizal (plant/fungus) relationships have any correlation to a tree population's susceptibility to bark beetles.
- To see if the health of trees is impacted by changes in fungal communities.



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## What we've found so far:

Preliminary results are showing that soil fungal communities take many years longer to recover than we expected.



More about UVU:



[www.uvu.edu/biology/](http://www.uvu.edu/biology/)

More about our mentor:



<http://geoffreyzahn.com/>