

Eastern Washington Forestry Internship Program

Providing Youth with Barriers Pathways
into Local Forestry Careers



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Stevens County Conservation
District

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Rural Resources

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Youth Intern

STEVENS COUNTY CONSERVATION DISTRICT

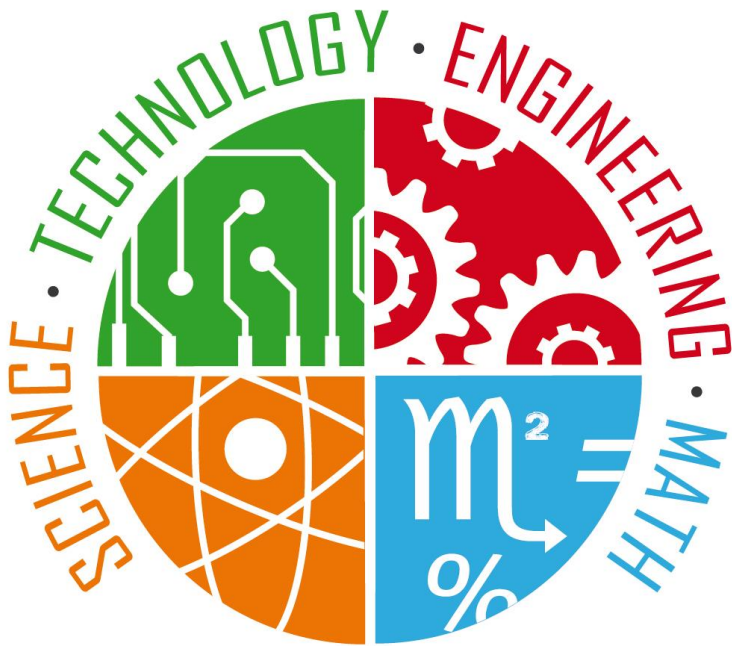
Promoting the wise use of Natural Resources



Photo by Zorah Oppenheimer

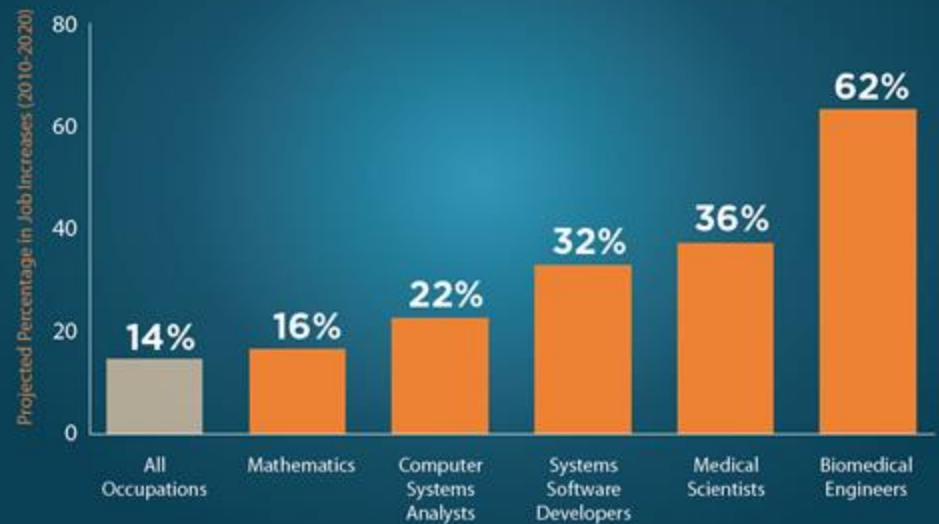
Education Programs





STEM

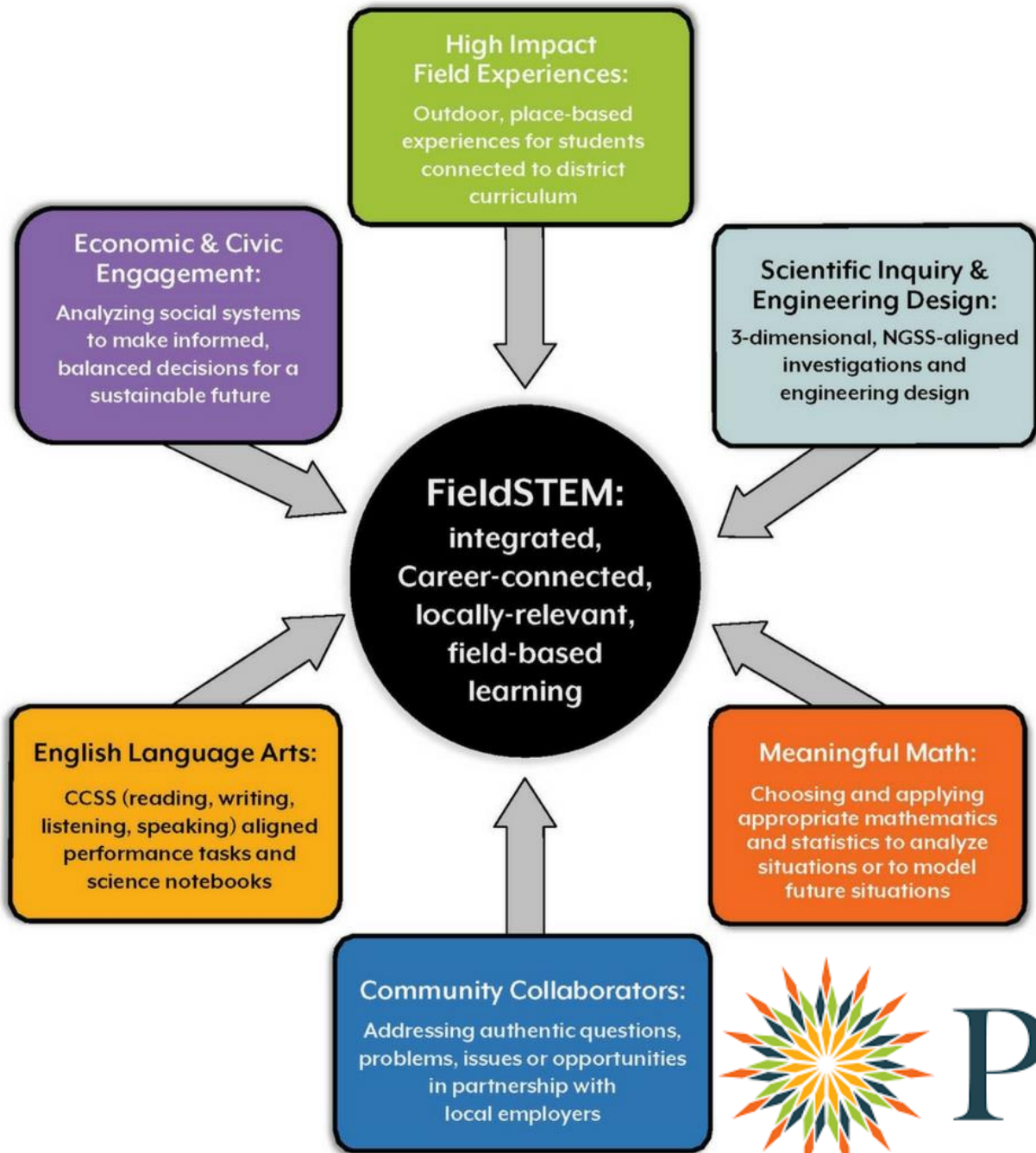
PROJECTED PERCENTAGE INCREASES IN STEM JOBS: 2010-2020



What does STEM look like for our communities?











CAREER CONNECT

WASHINGTON



STATE OF WASHINGTON
OFFICE OF THE GOVERNOR



Employment
Security
Department
WASHINGTON STATE



WASHINGTON
STEM
REIMAGINING SCIENCE, TECHNOLOGY,
ENGINEERING + MATH EDUCATION



Washington State Department of
Labor & Industries

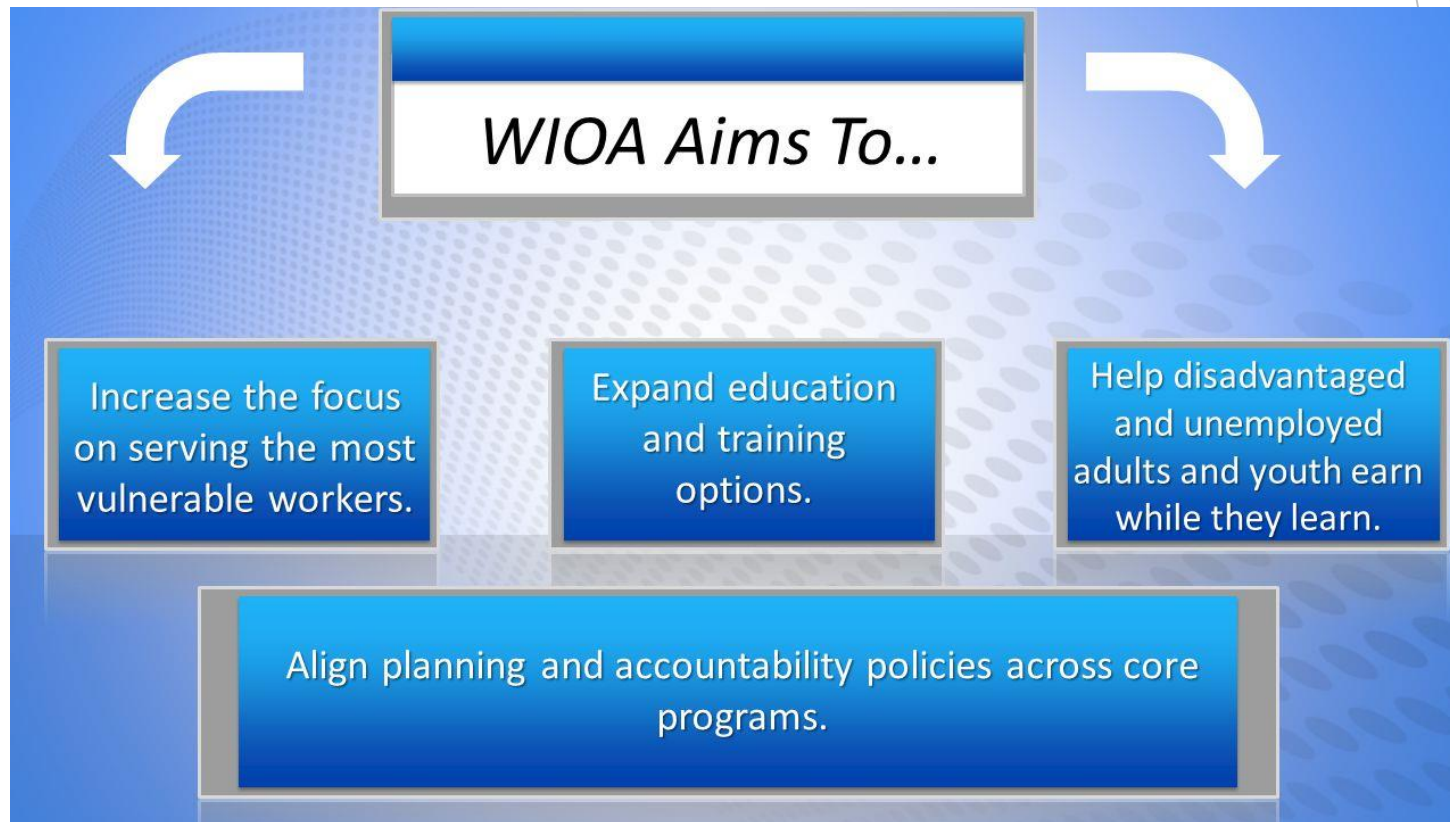


Washington State
Workforce Training
And Education
Coordinating Board



WASHINGTON STATE
UNIVERSITY
EXTENSION

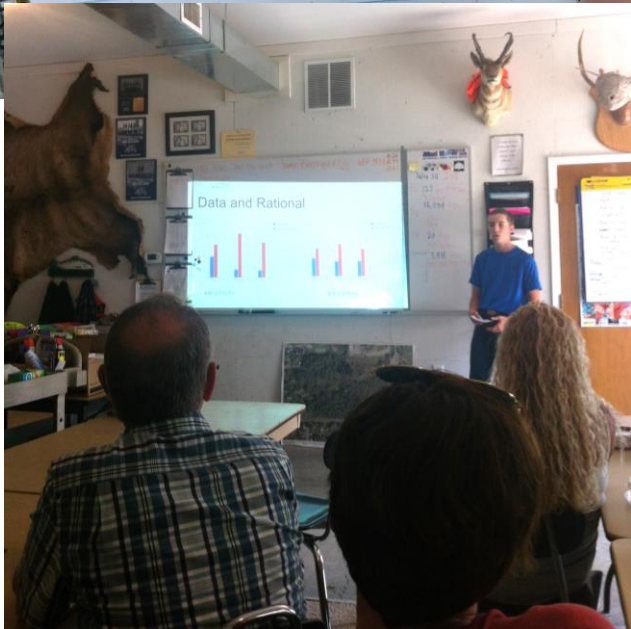
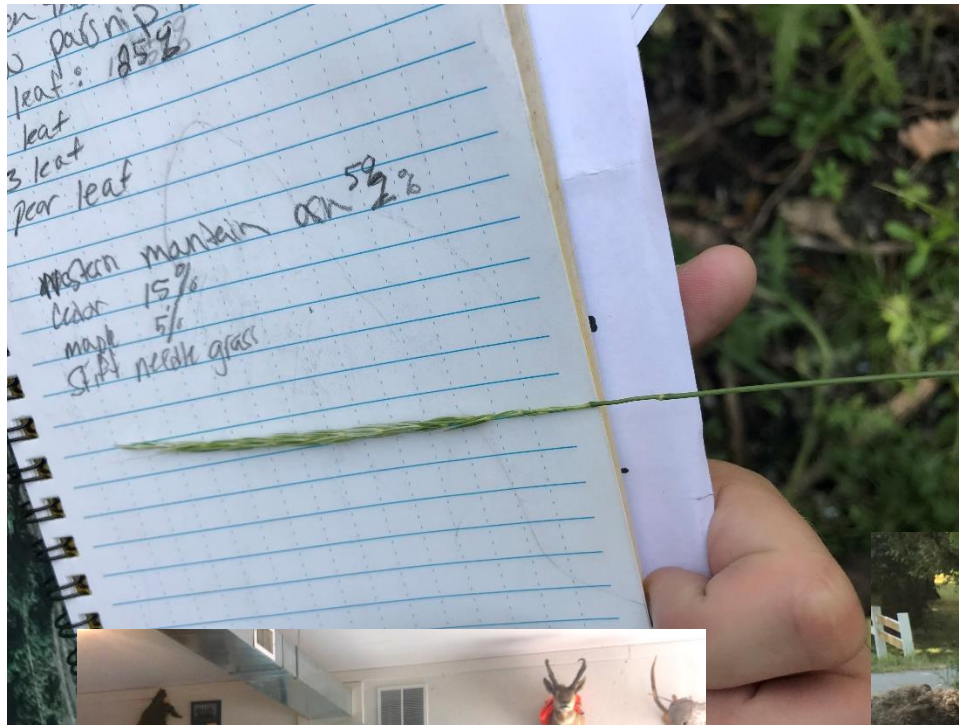
Workforce Innovation Opportunities Act Funding



Youth with Barriers

- ▶ Low income
- ▶ Below 9th grade in reading or math
- ▶ Involvement with legal system
- ▶ Dropouts
- ▶ Foster, runaway or homeless
- ▶ Pregnant or parenting
- ▶ Have a disability

Internship



Work Experience





Mentoring

FieldSTEM Experience





Outcomes



Accept the things you
cannot change, have
the courage to change
the things you can, and
be wise enough to
know the difference.

Adapted from Reinhold Neihbor

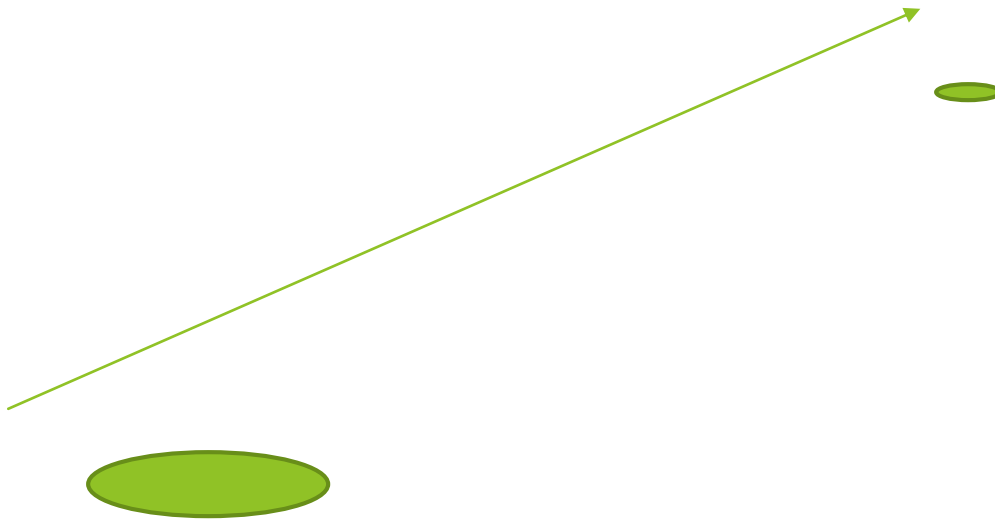
What is the correlation between humidity and tree growth at different altitudes?

By Sam Hofstetter

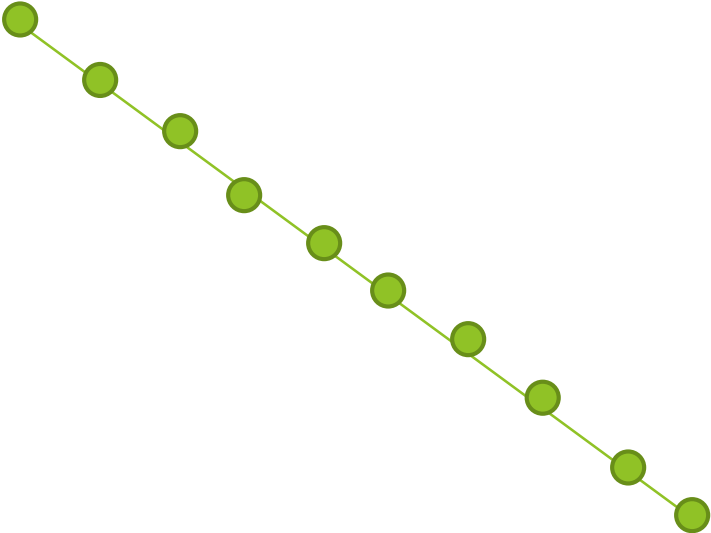


Hypothesis

I predict that as the elevation increases the diameter of all the trees will be less in circumference than the trees at the bottom of the plot area.



What did I do?





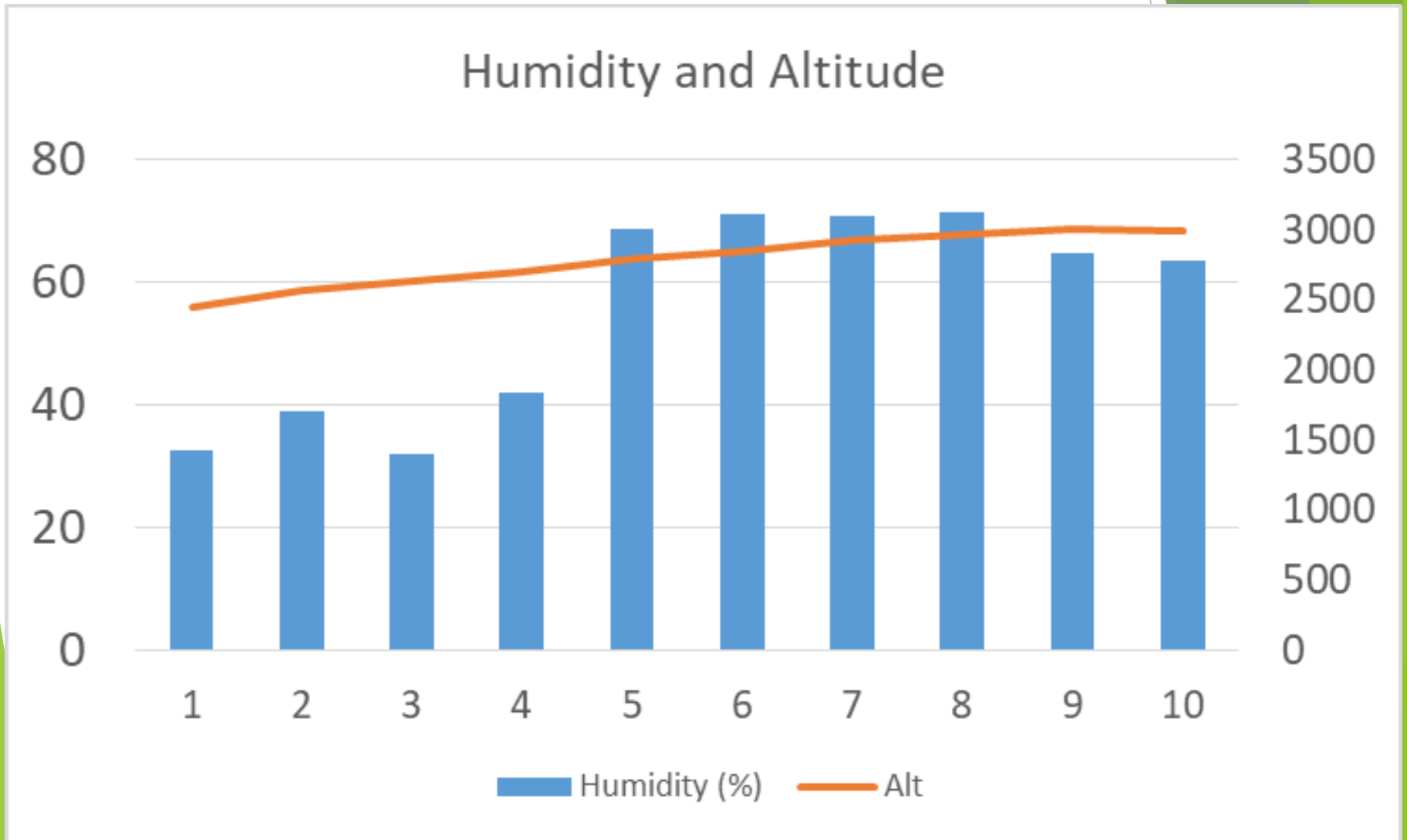
Controlled Variables

- North-west aspect
- Time data captured 3:20 pm -4:20 pm
- Plot size - 1/100th of an acre
- Plot distance - 2 chains (132 feet)
- Altitude

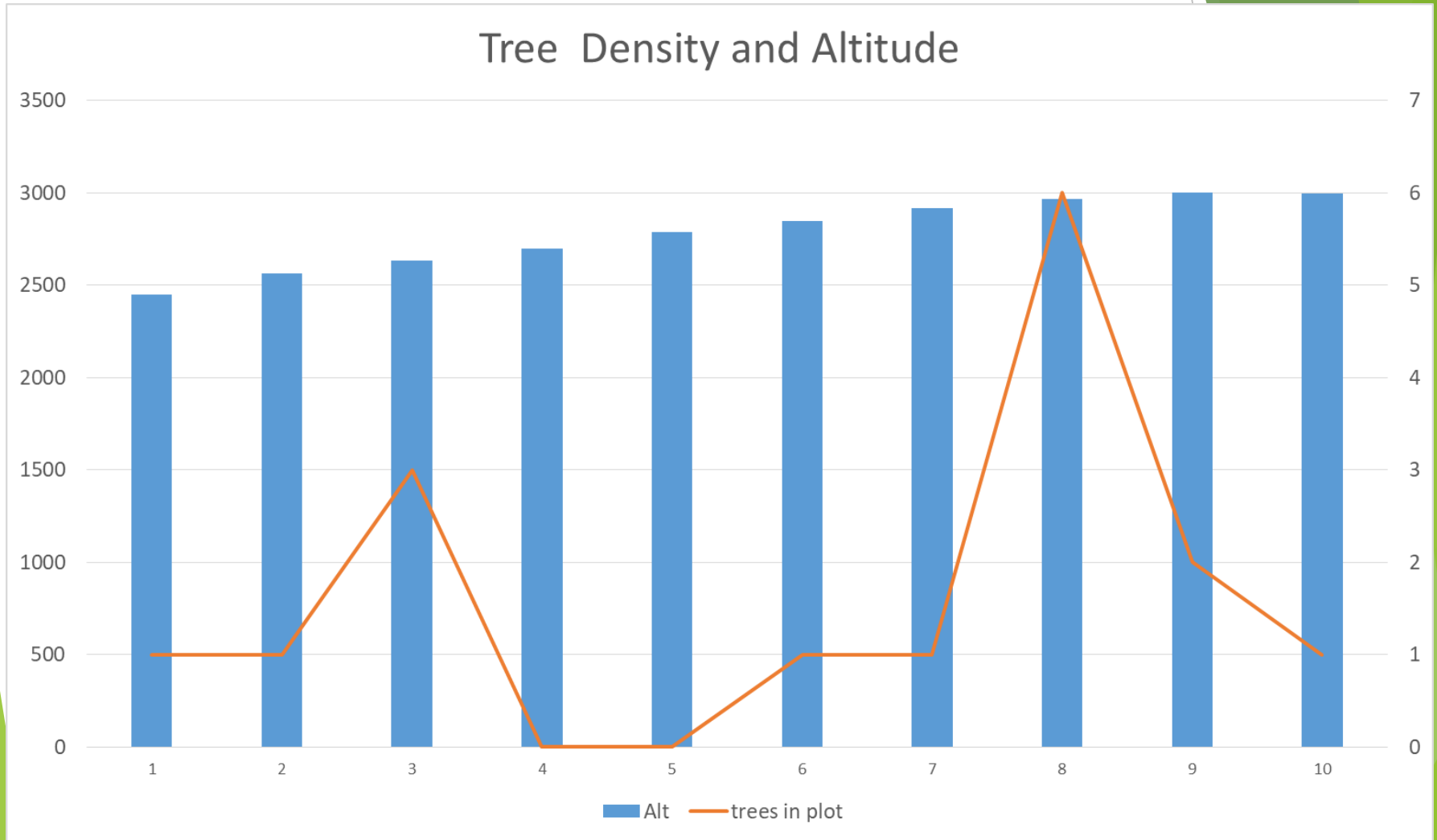
Responding Variable

- Humidity
- Amount of trees in plot
- Tree diameter (cm)

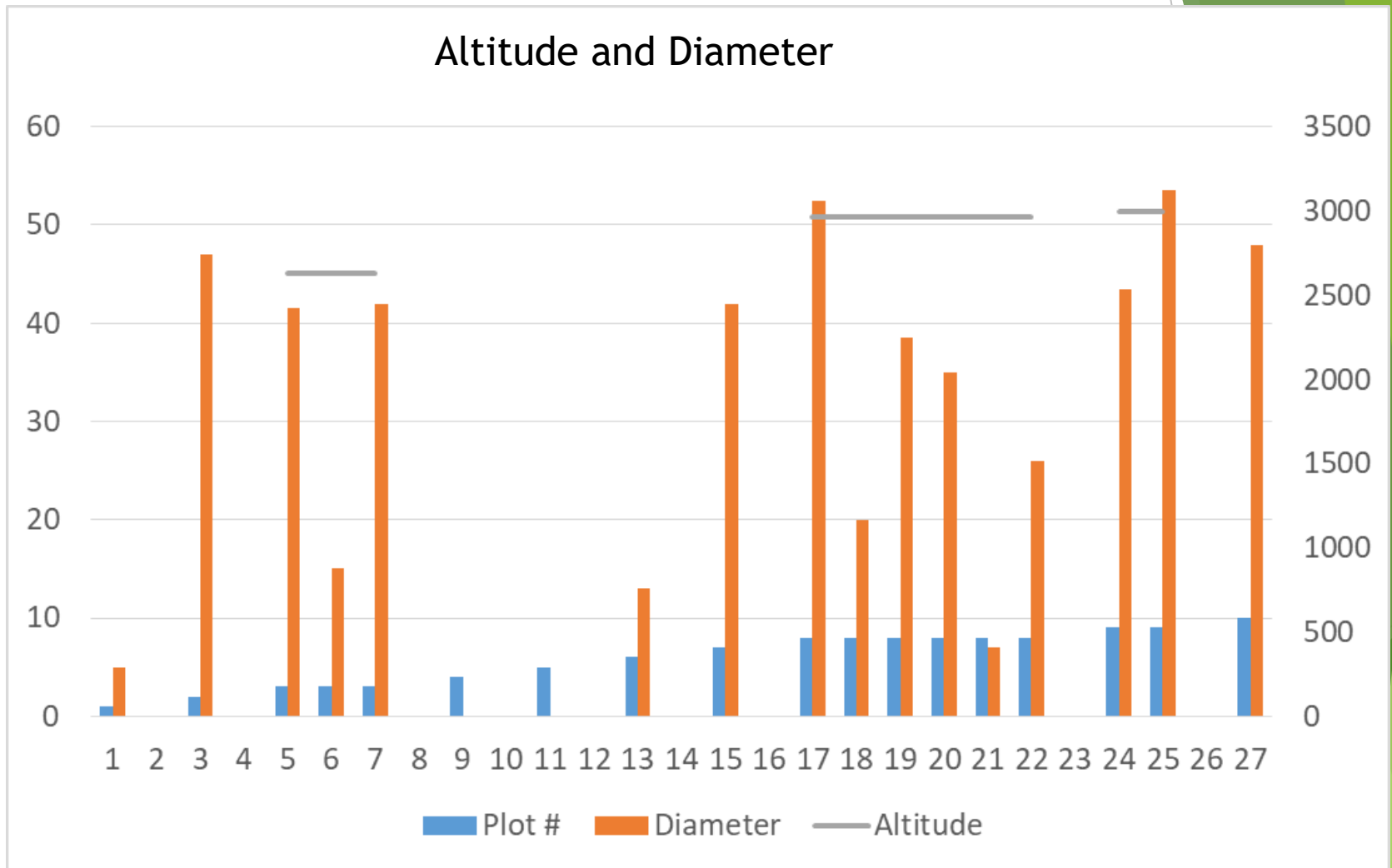
Data



Data Continued



Data Continued



Data Conclusion

- **My hypothesis was incorrect**
- **Area where data was located**
- **Continue sampling for larger test group**

HELLO

I AM...

EMPLOYABLE