

2024 DISC Ecology/Climatology Projects (Paul)

Q: Does dendrochronology work in the Verde Valley?

- Mingus Mountain fieldwork
 1. Site and tree selection (with field photos), map showing Tuzigoot
- Shop prep of samples, crossdating of the collection
 2. Shop photos, bar plots, skeleton plotting, etc.
- Measuring of ring-width series
 3. The old bench method
 4. The new SKIPPY/Coorecorder
- Basic dendro stats (COFECHA):
 5. Ages of trees
 6. MS of ring-width series
 7. Average correlation of cores
- Chronology construction and display (ARSTAN)
 8. Time series of standard chronology, with 1.0 ref line plus a smoothing curve
 9. Rbar
- Subsite differences
 10. The right-of-way edge trees vs interior trees
 11. Differences in ring-widths, decadal departures?
 12. BAI calcs and plotting