

# Climate Training Workshop

## Day 1

- 8:30a - 9:00a Coffee and check-in
- 9:00a - 9:15a *Welcome*
- 9:15a - 9:45a *Introduction to Climate*: the difference between weather and climate
- 9:45a - 10:45a *The Basics of Climate*: global weather patterns, temperature and precipitation measures of climate, climate normals and seasonality
- 10:45a - 11:00a Break
- 11:00a - 12:00p *Weather Hazards and Hazard Climatology*
- 12:00p - 1:00p Lunch (provided)
- 1:00p - 1:30p *Past Climate Reconstruction and Climate Proxies*: paleo, tree ring, and instrumental records
- 1:30p - 2:30p *Climate Variability and Change*: including carbon cycle, time scale of how long greenhouse gasses remain in the atmosphere
- 2:30p - 2:45p Break
- 2:45p - 3:15p *Discussion and Roundtable on the National Climate Assessment, Indigenous Peoples Chapter*
- 3:15p - 4:15p *Tools and Data*: exercise and data resource examples, SCIPP tools, Mesonet, ASOS/COOP, Climate Prediction Center Products, Drought Monitor

## Day 2

8:30a - 9:00a Coffee and check-in

9:00a - 10:00a *Special Topic*: hazard planning case study

10:00a - 10:15a Break

10:15a - 10:45a *Introduce Vulnerability Assessment Concept*

10:45a - 11:30a *Vulnerability Discussion*: tribe vulnerability to hazards and climate trends (including actions to mitigate impact)

11:30a - 12:30p Lunch (provided)

12:30p - 1:30p *Vulnerability Assessment Exercise*

1:30p - 1:45p *Questionnaire*

1:45p - 2:00p *Wrap-Up Discussion*

