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