

# NPS CO Plateau Grasslands Climate Change Adaptation Workshop Agenda

August 23 @ 9 -12 AZ / 10 -1 MT

August 25 @ 9 - 12 AZ / 10 - 1 MT

August 30 @ 1 - 4 AZ / 2 - 5 MT

Zoom Connection Information: <https://zoom.us/j/96622372250?pwd=cGFmaUNoTXdmZWVhONjFGMVhIZFIUz09>

Meeting ID: 966 2237 2250; Passcode: 821143

## Workshop Goals:

- Discuss information on the current and anticipated effects of climate change to grasslands in National Parks across the Colorado Plateau;
- Describe resources and tools that can be used to integrate climate change into resource conservation and management;
- Test a new Adaptation Menu of Strategies & Approaches for Colorado Plateau Arid Grasslands; and
- Identify adaptation actions that can be incorporated into current and future NPS planning projects.

## Monday, August 23, 2021: *(All times listed are Arizona Time)*

9:00 **Welcome, Introductions, Land Acknowledgement, & Agenda Overview**

9:30 **Aridification Report Appendix Tools** – John Bradford (USGS), Carrie Havrilla (Colorado State University), & Jessica Hartsell (USGS and Northern Arizona University)

9:45 **Step 1: Define Area of Interest, Management Goals and Objectives, and Timeframes**

10:15 **Break**

10:25 **Step 2: Climate Change Impacts**

- Which climate change impacts have the greatest potential to affect your project and your management objectives, and why?

11:05 **Step 3: Management Challenges & Opportunities**

- Evaluate whether it is feasible to achieve current management objectives and where it might be worth re-evaluating objectives based on climate change projections.

12:00 **Adjourn for the Day**

## Wednesday, August 25, 2021: *(All times listed are Arizona Time)*

9:00 **Recap of August 23**

- Please share one or two highlights from August 23

9:05 **Drought & Wildfire Project Update: "Learning from the past and planning for the future: experience-driven insight into managing for ecosystem transformations induced by drought and wildfire"** – Anna Vaughn (Northern Arizona University)

9:10 **Identifying Forest Adaptation Approaches and Tactics** – Courtney Peterson (Colorado State University/NIACS)

9:25 **Grassland Menu of Adaptation Strategies & Approaches** – Molly McCormick (USGS) & Martha Sample (Northern Arizona University)

9:40 **Step 4: Identifying Grassland Adaptation Approaches and Tactics – Breakout Group Activity**

- Select potential adaptation actions from the menu of Adaptation Strategies and Approaches and evaluate potential adaptation tactics.



- 10:15 **Break**
- 10:30 **Step 4: Identifying Grassland Adaptation Approaches and Tactics – Large Group Discussion**
- 11:15 **Northern Colorado Plateau Inventory & Monitoring Network** – Carolyn Livensperger (Northern Colorado Plateau Network)
- 11:25 **Step 5: Identifying Metrics for Monitoring and Evaluating Effectiveness**
- Identify metrics to use to evaluate the effectiveness of adaptation actions.
- 11:55 **Homework for August 30!**
- 12:00 **Adjourn for the Day**

**Monday, August 30, 2021:** *(All times listed are Arizona Time)*

- 1:00 **Reflections from Previous Two Workshop Days**
- 1:15 **Tell Your Adaptation Story – Breakout Group Work Time**
- Connect the dots. Create slides summarizing your project goals/objectives, climate change impacts to your project area and the management challenges and opportunities climate change creates, the identified adaptation strategies and approaches for action, and monitoring plan.
  - Choose a spokesperson to give a 3-minute rundown of what was discussed!
  - Report out will include:
    - Brief reminder of site/overall management goals
    - Climate challenges and/or opportunities
    - Selected adaptation tactics
    - Monitoring suggestions
- 2:00 **Tell Your Adaptation Story - Group Presentations**
- Short, 3-min presentations from each group followed by questions.
- 3:00 **Break**
- 3:10 **Next Steps/Putting it All Together**
- What are 5 ways that you'll use the ideas and resources that you've learned about through this training in your everyday work once you return to the office/field?
  - What are some ways that you would talk with your colleagues (or clients) about climate change and adaptation?
  - What will it take for this thought process to become a natural part of your forest management and planning?
- 3:45 **Evaluations & Wrap-up**
- 4:00 **Adjourn**

