Climate Change Adaptation & Durango's Community Forests Workshop

Monday, December 2, 2019

Durango Public Library, 1900 E 3rd Ave, Durango, CO 81301

The overall goal of this workshop is to identify climate change impacts and potential adaptation actions for Durango's community forests. This workshop is an active, hands-on training, to assist natural resource managers in incorporating climate change considerations and identifying actions for adaptation into their own real-world forest management projects. At the end of this workshop, participants will be able to:

- Identify current and anticipated effects of climate change on the City of Durango Community Forests;
- Describe resources and tools that can be used to integrate climate change into management;
- Outline adaptation concepts and strategies in the context of sustainable forest management; and
- Identify actions that enhance the ability of forests and other ecosystems to adapt to changing conditions.

This active, hands-on training is being organized by the City of Durango Parks and Recreation Department, Colorado State University, the Northern Institute of Applied Climate Science, and the USDA Southwest Climate Hub.

Agenda

8:00 **Registration**

8:15 **Welcome, Purpose, & Introductions:** Imogen Ainsworth, Sustainability Coordinator, City of Durango

8:40 **Presentation on Durango's Community Forest Management Plan**: Scott McClain, Assistant Parks Director, City of Durango Parks and Recreation & Greg Sykes, Durango City Arborist, City of Durango Parks and Recreation

9:00 **Regional and Local Climate Change Impacts on Vulnerabilities for Durango's Community Forests**: Emile Elias, Director, Southwest Climate Hub & Research Hydrologist, USDA ARS – Jornada Experimental Range

9:15 **Tree Genetics and Climate Change Adaptation; and the Seedlot Selection Tool**: Andrew Bower, Area Geneticist and Pacific Northwest Region WBP Restoration Program Lead, USDA Forest Service

9:45 **Climate Ready Trees for Albuquerque's Urban Forest**: Sarah Hurteau, Urban Conservation Director, The Nature Conservancy

10:15 **Break**

10:30 **Climate Change Impacts on Durango's Community Forests**

How might Durango's Community Forests be uniquely impacted by climate change?

11:05 **Adaptive Capacity & Vulnerability of Durango's Community Forests**

11:50 **Challenges/Opportunities for Meeting Management Objectives**

12:15 **Lunch** (Taco Bar from Zia Taqueria)

12:55 **Identifying Forest Adaptation Approaches and Tactics:** Courtney Peterson, Research Associate II, Colorado State University, NIACS

1:15 **Identifying Forest Adaptation Approaches and Tactics**

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

2:15 **Break**

2:30 **Identifying Metrics for Monitoring and Evaluating Effectiveness**

Identify metrics to use to evaluate the effectiveness of adaptation actions.

3:00 **Telling Your Adaptation Story**

3:45 **Group Presentations on Climate Change Impacts and Adaptation Strategies**

4:15 **Next Steps/Putting it All Together**

Discuss opportunities for coordination, learning, or shared resources.

4:45 **Evaluations & Wrap-up**

5:00 **Adjourn**

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