

AGENDA

***Dealing with Drought – Adapting to a Changing Climate* workshop**

Douglas County Fairgrounds Events Center

Castle Rock, CO

Tuesday, October 13, 2009

9:00 - Welcome from Jack Hilbert, Douglas County Commissioner

Workshop Introduction

Pre-workshop survey – summary of results

9:30 - Fundamentals of global and Colorado climate

- *Introduction to the basics of climate, with an emphasis on Colorado's climate, including the distribution of temperature and precipitation in the state*

10:05 - Colorado climate variability and trends

- *Variability is a fact of life in Colorado; where does the year-to-year variation come from? What trends are seen in observed climate in Colorado?*

10:40 – Break

10:50 - Drought in Colorado – from observed and paleo

- *Discussion of the observed record of droughts and the evidence from tree rings for extended dry and wet periods in the state's past.*

11:30 – Breakout/discussion sessions on drought

- *Using information presented in the morning sessions, discuss past impacts of drought (e.g., 2000s drought); information and strategies used to monitor/adapt/mitigate; information that would have been useful*

12:15 – Overview of the revision of State Drought Plan

- Jeff Brislawn, AMEC Earth & Environmental

12:30 - LUNCH

1:20 - Scenarios of climate change in Colorado

- *Based on the Climate Change in Colorado report, we present scenarios of how Colorado's climate might be different by mid-century, and the global and local reasons this may happen.*

2:00 - Breakout/discussion session on climate change impacts, vulnerability

- *Using information presented during the day, participants identify potential impacts of climate change and vulnerabilities for their sectors and activities*

2:30 - Climate change impacts on water and related resources

- *Using information from the Climate Change in Colorado report and recent research articles, we will highlight some of the potential implications for water and related resources in the state to discuss and reinforce issues identified in the breakout groups.*

3:00 - Brief Discussion Session on Impacts

- *After hearing the information presented in the previous session, revisit the list of potential climate change impacts*

3:15 – Break

3:30 - Web resources for climate and drought information

- *Introduction to resources at the Colorado Climate Center, the NIDIS drought.gov portal, and others*

4:00 – The use of climate information to support water planning at Colo. Springs Utilities

- Leon Basdekas, Colorado Springs Utilities

4:15 – Wrap-up discussion session on future climate change/drought and information needs

- *How can what was learned and discussed today best be reflected in planning for and adapting to the future? What additional information and resources are needed?*

4:45 – Post-workshop survey

5:00 - End