

# Desired Condition Workshop Agenda

## - Mixed Conifer -

October 17-18, 2012

Day 1 – Wednesday, October 17		Holiday Inn Express Conference Room 151 Deuce of Clubs Show Low, AZ 85901
8:00 am	Welcome and Introductions	ERI
8:15 am	Regional Forester Perspective on Desired Condition (DC), Landscape Scale Restoration <ul style="list-style-type: none"> <li>▪ Why Desired Conditions? Why now?</li> <li>▪ Workshop expectations</li> <li>▪ R3 Desired Conditions – Why and how are we using them?</li> <li>▪ Adaptive nature of Desired Conditions</li> <li>▪ Today’s focus – The scientific basis for the ecological DCs and consideration of the socio-economic values that influence them</li> </ul>	Corbin
8:30 am	Setting the Stage for Desired Condition Dialogue (Need for Restoration) <ul style="list-style-type: none"> <li>▪ Current conditions – How did we get here, where are we headed?</li> <li>▪ Ecological restoration – What is restoration and the science that supports it?</li> <li>▪ Sustainability – Key elements of self-regulating landscapes</li> <li>▪ Benefits of restoration</li> <li>▪ Resilience to climate variability, change and other stressors</li> </ul>	Dave
9:00 am	Desired Conditions Description <ul style="list-style-type: none"> <li>▪ How were they developed and why do we need them</li> <li>▪ Common vision</li> <li>▪ Restoration objectives and outcomes</li> <li>▪ Measures of success</li> </ul>	Pat
9:30 am	General Wildlife Science Presentation	Don
10:00 am	Break	
10:15 am	Status of the MSO	Joe Ganey
10:45 am	MSO Management in Relation to Desired Conditions	Shaula Hedwall
11:15 am	Panel Discussion (Q&A)	All Speakers
12:00 pm	Description of Field Visits – Review Maps	ERI
12:15 pm	Depart for Field Visit #1 <ul style="list-style-type: none"> <li>▪ Lunch on the way to Field Visit #1 – <b>Bag lunch required</b></li> </ul>	
1:25 pm	<b>Review Field Visit #1 – Udall Park Site – Dry &amp; Wet Mixed Conifer</b>  The Udall Park Site is primarily a dry mixed conifer site but we will look at the difference between dry and wet mixed conifer by walking into a wet site first and give a brief overview of the composition and structure associated with infrequent fire/wet mixed conifer (Dave?). We will then walk into a south-facing dry mixed conifer site to talk about the composition, structure and function of dry mixed conifer and the role of	

	<p>frequent fire.</p> <p><i>Items to Discuss:</i></p> <ul style="list-style-type: none"> <li>▪ The ecology of mixed conifer vegetation types related to fire frequency (wet vs. dry) – Dave H.</li> <li>▪ The DC's of wet mixed conifer types – Jim</li> <li>▪ How key elements of DC's relate to natural disturbances – DC Team</li> <li>▪ Aspen management options in wet mixed conifer – Don</li> <li>▪ Ecological processes associated with frequent fire/dry mixed conifer forest types.</li> <li>▪ Current conditions vs. desired conditions. Discuss the concepts and various aspects of the desired conditions including the degree of structural openness; the grass/forb/shrub matrix; the size (area, number of trees), shape, and spacing of tree groups; the diversity and interspersion of tree structural (age, size) and composition, and the sustainability of the desired conditions.</li> <li>▪ Wildlife needs and management opportunities. The value of the DC's for wildlife habitat and food webs.</li> </ul> <p>Meet as a group, have a brief safety talk and present ecological overview of mixed conifer forest types. Break into 3-4 groups, led by DC Team. Walk through the stand to observe composition, structure and function as it relates to the ecological process of an infrequent fire system. Regroup at aspen opening and have group discussion about wet mixed conifer, DC's for wet mixed conifer, and aspen management.</p> <p>Walk back across the road to have a brief intro on dry mixed conifer stand. Break into 3-4 groups, led by DC Team, walk through the stand and discuss dry mixed conifer management and the desired conditions. Return to vans and have a group discussion about the stop. Discuss the ecological, social and economic values of achieving the desired conditions.</p>
4:00 – 5:00 pm	Return to Show Low
<p><b>Day 2 – Thursday, October 18</b></p>	<p>Holiday Inn Express Parking Lot 151 Deuce of Clubs Show Low, AZ 85901</p>
<b>7:30 am</b>	Depart for Rim Lakes area
8:45 am	Rest Break – Woods Canyon Lake Junction (300 Road turn-off)
9:30 am	<p><b>Review Field Visit #2 – Road 84, ERI Discussion – Dry Mixed Conifer Site</b></p> <p>The purpose of this stop is to look at and discuss the ecological processes of frequent fire systems by utilizing field data collected by ERI from a study area located in the Rim Lakes area. This stop will link the science associated with frequent fire systems with the design of the desired conditions.</p> <p><i>Items to Discuss:</i></p> <ul style="list-style-type: none"> <li>▪ Utilizing collected fire scar data, a preliminary assessment of the fire history for the area will be presented.</li> <li>▪ Utilizing stand data and reconstruction modeling, an overview of the presettlement structural conditions and changes linked to the disruption of the fire regime and historical timber harvesting will be presented.</li> <li>▪ This discussion, to be led by Dave H., will incorporate implications of local and regional variability in dry mixed conifer stand structure, composition and fire.</li> </ul>

	<p>Gather as a large group. After a safety briefing, there will be a group presentation of the site's local context and current management status (USFS Black Mesa) and preliminary results of stand structure and fire history reconstructions (ERI). Walk around in the area as part of the discussion to look at past and present stand conditions. Have a group discussion about the proposed desired conditions for dry mixed conifer as they relate to the science.</p>
11:30 am	Depart for Field Visit #3
11:40 am	Lunch Break upon arrival at Field Visit #3 – <b>Bag lunch required</b>
12:00 pm	<p><b>Review Field Visit #3 – Dry Mixed Conifer Site – Demo Mark and Owl Discussion</b></p> <p>Field Visit #4 is a demo mark where the desired conditions have been applied to a dry mixed conifer stand. After an overview of the stand (Gail) and the prescription (Jim), break into three groups (led by DC Team) and walk through the stand to look at and discuss the application of the desired conditions.</p> <p><i>Items to Discuss:</i></p> <ul style="list-style-type: none"> <li>▪ Concepts and various aspects of the desired conditions.</li> <li>▪ Forest entomology/pathology as they relate to implementation of the desired conditions.</li> <li>▪ Desired forest species composition for dry mixed conifer forests and relationships to ecological function.</li> <li>▪ Highlight that achieving the desired conditions is a process rather than a one-entry event.</li> </ul> <p>Meet as group and have a summary discussion on the application on the DC's. Note discussions at this stop would be around the concepts and objectives of achieving DC's, not on the details (this tree vs. that tree) of the mark.</p> <p>Walk down into drainage below marked area to look at a 'threshold' stand and have a dialog about MSO management.</p>
1:30 pm	<p>Closing Discussion</p> <ul style="list-style-type: none"> <li>▪ What have we learned?</li> </ul> <p>How do we feel about the concepts of desired conditions?</p>
2:00-3:40	<ul style="list-style-type: none"> <li>▪ Return to Show Low</li> </ul>
	<b>ERI/DC Team</b>