

## 2011 Tri-State Annual Meeting Session Template

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<b>Session Number, Title, Date and Time:</b>		D1: Climate Drivers and Landscape Response: Tamaya H.; 8:45-11:45 am			
<b>Moderator(s) and Institution:</b>		Jen Pierce (Boise State), Ben Crosby (Idaho State), Joe Galewsky (UNM), Scotty Strachan (UNR)			
<b>Session Focus:</b>		Climate Drivers and Landscape Response			
<b>Session Structure</b>		Invited talks, 'pop-up' short presentations from participants, discussion			
<b>From</b>	<b>To</b>	<b>Activity</b>	<b>Title of Talk</b>	<b>Abstract?</b>	<b>Speaker*</b>
8:45	8:50	Welcome	Welcome and introductions; name, research interest and affiliation of audience		Moderators
8:50	9:10	Invited talk	<i>Holocene climate and landscape response in the Greater Yellowstone Ecosystem</i>		Grant Meyer, UNM
9:10	9:30	Invited talk	<i>Response of sand dune systems in the SW USA to climate change - past, present, and future</i>		Nick Lancaster, DRI
9:30	9:45	Invited talk	<i>Red-edge information from satellites improves early stress detection in forests</i>		Jan Eitel, UI
9:45	10:00	Invited talk	<i>Landscape response to climate forcing in the Chilean Andes</i>		Dylan Ward, UNM
10:00	10:10	Break	(load pop-up presentations during break)		
10:10	10:25	Invited talk	<i>Climate signals from isotopic composition of tree rings in Arizona</i>		Tom Whittaker, UNM
10:25	11:00	Pop-ups	<i>Brief (&lt; 5 minute) presentations by the audience of relevant data from their research</i>		
11:00	11:45	discussion	See following list of questions		

Questions for discussion:

- What do we mean by 'landscape response' to climate change?
- With increased levels of atmospheric CO<sub>2</sub>, what will be the primary climatic changes that will have the greatest impact on landscape response? How will responses vary within the western U.S. (e.g. increased summer drought in Idaho, but increased monsoonal severity in the southwest)
- How can we quantify landscape response to climate change?
- How have landscapes responded to climate change in the past? What are some examples of unexpected or non-linear responses?
- Differences between SW and greater Yellowstone area drought during recent times (Nick—
- Nick—need more input from plant ecologists
- Climate modelers—we need climate modeling and numerical modeling simulation

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