



Reforestation Strategies for the Southern Sierra Nevada in an Era of Climate Change

<p>Summary</p>	<p>California has entered a new era of fire and climate change effects, which are particularly evident in the southern Sierra. In the past decade alone, the region has experienced extensive tree mortality, severe drought, a bark beetle epidemic, and large and severe wildfires. This demands that managers and researchers approach and implement reforestation differently.</p> <p>This symposium will provide a forum to share findings and experiences from operating in this new era of fire and climate effects in the southern Sierra. The symposium will consider how managers and researchers can approach multiple post-fire reforestation objectives and how innovation in management can improve both efficiency and success toward desired conditions</p>	
<p>Program Tues, June 14 2022</p>	<p>08:30 – 09:00</p> <p>09:00 – 09:15</p> <p>09:15 – 09:40</p> <p>09:40 – 09:50</p> <p>09:50 – 11:00</p> <p>11:00 – 11:30</p> <p>11:30 – 1:00</p>	<p>Coffee and Pastries</p> <p>Welcome and Introductions</p> <p>Opening Plenary - Finding Meaning in the Mess: Rising to the Challenge of Reforestation in a Changing Climate <i>Christy Brigham, Chief of Resources Management and Science, Sequoia & Kings Canyon National Parks</i></p> <p>Innovation Incubator – Overview and Instructions <i>Management decisions in this new era of fire and climate change are characterized by multiple stakeholders with different perspectives, multiple objectives, and uncertainty about how the system in question will respond to potential management actions. In a series of “innovation incubator group” breakouts, participants will identify key objectives and potential actions needed to address an assigned management goal, estimate the extent to which these actions will achieve their objectives, identify climate-smart solutions, and consider application of recent research and strategies.</i></p> <p>Innovation Incubator Breakout #1 <i>Defining objectives</i></p> <p>Debrief from Breakout #1</p> <p>Lunch break</p>



	1:00 – 2:30	Panel Presentations and Discussion: The So. Sierra in a New Era of Fire and Climate Change
		<i>Ramiro Rojas, Asst. Regional Silviculturist, USFS Region 5</i> <i>Roger Bales, Professor of Engineering, UC Merced</i> <i>Brandon Collins, Research Scientist, UC Berkeley</i> <i>Olivia Roe, Silviculturist, USFS Sierra NF</i> <i>Kristen Shive, Lead Scientist, The Nature Conservancy</i>
	2:30 – 3:30	Innovation Incubator Breakout #2 <i>Challenges and solutions</i>
	3:30 – 4:00	Debrief from Breakout #2

Program Wed, June 15th 2022	08:30 – 08:40	Coffee and Pastries
	08:40 – 08:45	Welcome
	08:45 – 10:15	Panel Presentations and Discussion: Advancements in Reforestation and Post-fire Restoration <i>Stewart McMorrow, Wildfire Resilience Staff Chief, CAL FIRE</i> <i>Jon Keeley, Research Scientist, USGS WERC</i> <i>Marc Meyer, So. Sierra Nevada Province Ecologist, USFS Region 5</i> <i>Malcolm North, Forest Ecologist, USFS Pacific SW Research Station</i>
	10:15 – 11:15	Innovation Incubator Breakout #3 <i>Application of advancements</i>
	11:20 – 11:45	Debrief from Breakout #3
	11:45 – 12:20	Reflection and Discussion on the Path Forward <i>Stewart McMorrow, Wildfire Resilience Staff Chief, CAL FIRE</i> <i>Joseph Sherlock, Regional Silviculturist, USFS Region 5</i>
	12:20 – 12:30	Closing Remarks and Next Steps