



Decision Support Tools for Natural Resource Managers in Sagebrush Communities and Across the Pacific Northwest

Tuesday, November 7, 2017

Time:

8:30am – 5:00pm

Location:

The Environmental Center, 16 NW Kansas Avenue, Bend, OR

Workshop Objectives:

1. Introduce and get feedback on a new web application that combines TNC's Conserving Nature's Stage data and climate exposure projections to provide a more complete view of the current and future conservation landscape across the PNW.
2. Present a suite of additional web-based decision support tools developed for natural resource managers of the Pacific Northwest and the Great Basin.
3. Explore together how these decision support tools can help inform protection and restoration priorities as well as site management decisions.
4. Get specific feedback on tools and web applications so they can be modified to best meet decision-making needs.

Time	Agenda Item	Presenter(s)
8:30	<p>Welcome and Introductions</p> <p>Agenda Review</p> <p><i>Objectives: Introduce project leads from the Conservation Biology Institute, Great Basin Landscape Conservation Cooperative, Institute for Natural Resources, Oregon State University, and The Nature Conservancy. Review the agenda and explain the purpose of today's workshop. Introduce participants and presenters to one another.</i></p>	<p>Facilitator: Eric Mielbrecht, EcoAdapt</p> <p>John Tull, Great Basin LCC</p> <p>Ken Popper, The Nature Conservancy</p> <p>Dominique Bachelet, OSU</p>

Support for this workshop comes from The Nature Conservancy, the Bureau of Land Management, and the Great Basin Landscape Conservation Cooperative.

Time	Agenda Item	Presenter(s)
9:15	<p>Conserving Nature's Stage (CNS): Terrestrial climate resilience</p> <ul style="list-style-type: none"> • Provide an introduction to CNS and its GIS layers (http://nature.org/resilienceNW) • Discuss application to natural resource management and planning • Questions, comments, and discussion <p><i>Objective: Ensure participants become familiar with CNS and understand possible applications in management decision-making.</i></p>	<p>Ken Popper</p> <p>All Participants</p>
10:00	BREAK (Coffee will be provided by TNC)	
10:15	<p>Nature's Stage Climate Mapper: Mapping exposure and resilience to climate change across PNW landscapes</p> <ul style="list-style-type: none"> • Provide a rapid overview of the Sagebrush Climate Console (http://climateconsole.org/sagebrush) • Demonstrate the new Nature's Stage Climate Mapper • Introduce the Environmental Evaluation Modeling System (EEMS; http://eemsonline.org/) where climate exposure is calculated • Discuss practical application to natural resource management and planning (e.g., informing protection or restoration efforts) <p><i>Objective: Ensure participants determine possible applications in management decision-making.</i></p>	<p>Mike Gough, Conservation Biology Institute</p> <p>Tim Sheehan Conservation Biology Institute</p>
11:15	<p>Nature's Stage Climate Mapper: Feedback & Discussion</p> <ul style="list-style-type: none"> • Questions, comments, and discussion <p><i>Objective: Provide feedback and propose possible revisions to the Nature's Stage Climate Mapper to improve its usefulness for management.</i></p>	<p>Eric Mielbrecht</p> <p>All Participants</p>
12:00	LUNCH & COFFEE	
	<i>Computers will be available at the Center for demos during the lunch hour (Café Style)</i>	
1:30	<p>Landscape Simulator Tool</p> <ul style="list-style-type: none"> • Provide a demonstration of the new improved version of the Landscape Simulator (http://landscapesim.org/) • Discuss application in natural resource management and planning and future improvements • Questions, comments, and discussion <p><i>Objective: Ensure participants understand possible application of landscape simulator to management and provide feedback to the developers.</i></p>	<p>Taylor Mutch & Mike Gough, Conservation Biology Institute</p> <p>All Participants</p>

Time	Agenda Item	Presenter(s)
2:15	<p>Land Treatment Digital Library and Planning Tool</p> <ul style="list-style-type: none"> • Provide an overview of the Land Treatment Digital Library (https://ltdl.wr.usgs.gov/). • Provide a demonstration of the <i>beta version</i> of the Land Treatment Planning Tool, and discuss how the library and tool can be used to support management. • Questions, comments, and discussion <p><i>Objective: Ensure participants understand possible applications of the Land Treatment Digital Library and Land Treatment Planning Tool to management and provide feedback to the developers.</i></p>	David Pilliod, U.S. Geological Survey
3:00	BREAK (Coffee will be provided by TNC)	
3:15	<p>Sage-Grouse Conservation Partnership (SageCon) Decision-Support Tools</p> <ul style="list-style-type: none"> • Discuss new SageCon decision support tools and their intended applications in natural resource management and planning (http://oregonexplorer.info/content/sagecon-data?topic=203&ptopic=179) • Provide a demonstration of the Sage-Grouse Data Viewer • Questions, comments, and discussion <p><i>Objective: Ensure participants become familiar with the tools and provide feedback to the developers.</i></p>	<p>Megan Creutzburg, Institute for Natural Resources</p> <p>Michael Schindel, TNC</p> <p>All Participants</p>
3:45	<p>Department of Interior (DOI) Tools</p> <ul style="list-style-type: none"> • Provide an overview of the Conservation Efforts Database (CED; https://conservationefforts.org/), the Conservation and Restoration (C&R) tool developed to support the Integrated Rangeland Fire Management Strategy), the Landscape Approach Data Portal (https://landscape.blm.gov), and SageDAT (i.e. Sage Data and Tools). • Discuss how DOI tools can be used to support conservation and management efforts • Questions, comments, and discussion <p><i>Objective: Ensure participants become familiar with the DOI and provide feedback to the developers.</i></p>	<p>Lief Wiechman, U.S. Fish & Wildlife Service</p> <p>All Participants</p>
4:45	<p>Workshop Wrap-Up and Next Steps</p> <ul style="list-style-type: none"> • Review next steps • Sign-up sheet for beta testers; post-workshop survey • Closing remarks 	<p>Eric Mielbrecht</p> <p>John Tull & Ken Popper</p>
5:00	ADJOURN	

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