

Northern California Climate Adaptation Workshop



Thursday and Friday, December 14-15, 2017

Time:

9:00am – 4:00pm on December 14th and 9:00am – 2:00pm on December 15th

Lunch, snacks, and coffee will be provided both days

Location:

Shasta-Trinity National Forest Supervisor's Office, 3644 Avtech Parkway, Redding, CA

Workshop Goals:

1. Develop adaptation strategies and actions for Northern California focal habitats and species based on the results of our vulnerability assessments.
2. Provide adaptation training, resources, support, and tools to participants to extend this process to similar efforts in their own work.

Workshop Objectives:

1. Review the preliminary results of the vulnerability assessments for focal habitats and species.
2. Provide an introduction to and exploration of adaptation planning approaches, including presenting case studies and examples.
3. Develop adaptation strategies and actions to reduce vulnerabilities (i.e. sensitivity and exposure) and/or increase adaptive capacity of focal habitats and species.
4. Evaluate adaptation actions including implementation feasibility and effectiveness, resource co-benefits and conflicts, and how and when to implement.

All workshop materials can be found online at:

<http://ecoadapt.org/workshops/norcal-adaptation>



Day 1: Thursday, December 14th

Time	Agenda Item	Presenter(s)
9:00	<p>Welcome and Introductions</p> <ul style="list-style-type: none"> Review project goals, methods, and outcomes <u>Last two workshops</u>: Selection of Focal Resources, Vulnerability Assessment <u>This workshop</u>: Adaptation Strategies & Actions <p>Agenda Review</p> <p><i>Objective: Introduce project leads from EcoAdapt, U.S. Forest Service, and Bureau of Land Management, and explain why we are leading this effort. Introduce participants to one another.</i></p>	<p>Jessi Kershner, EcoAdapt</p> <p>Sarah Sawyer, USFS</p> <p>Jim Weigand, BLM</p> <p>All Participants</p>
9:30	<p>Update on USFS and BLM Management Plan Revision Efforts</p>	<p>TBD, BLM</p> <p>TBD, USFS</p>
9:45	<p>Review Vulnerability Assessment Results for Focal Habitats and Species</p> <ul style="list-style-type: none"> Present an overview of methods, results, trends and significant findings Questions, comments, and discussion <p><i>Objective: Review results of the vulnerability assessment for focal habitats and species from the workshop conducted in May 2017.</i></p>	<p>Laura Hilberg, EcoAdapt</p> <p>All Participants</p>
10:15	<p>ACTIVITY #1: Review and Synthesize Vulnerability Assessment Results</p> <ul style="list-style-type: none"> Review vulnerability assessment 2-pagers (~15 mins) Create poster(s) summarizing key climate and non-climate sensitivities and factors that contribute (+) and (-) to adaptive capacity (~15 mins) <p><i>Objective: Synthesize relevant vulnerability assessment results into key vulnerabilities and adaptive capacity.</i></p>	<p>Jessi</p> <p>All Participants</p>
10:45	<p>BREAK</p>	
11:00	<p>Introduction to Adaptation Planning</p> <ul style="list-style-type: none"> Introduce steps and primary components of adaptation planning Questions, comments, and discussion <p><i>Objective: Ensure participants are familiar with the basic components and considerations of adaptation planning.</i></p>	<p>Rachel Gregg, EcoAdapt</p> <p>All Participants</p>



Time	Agenda Item	Presenter(s)
11:15	<p>ACTIVITY #2: Evaluate Current Management Actions and Develop Adaptation Options for Habitats and Species</p> <ul style="list-style-type: none"> • Brainstorm current management goals and associated actions • Evaluate vulnerabilities to climate change • Revise current management actions given vulnerabilities <p><i>Objective: Identify how current management actions may address some vulnerabilities as well as how current actions are themselves vulnerable and how they can be modified to better address vulnerabilities. Evaluate implementation feasibility and effectiveness, as well as when and how to implement actions.</i></p>	<p>Jessi</p> <p>All Participants</p>
12:15	LUNCH (provided)	
1:00	<p>ACTIVITY #2 CONTINUED</p> <ul style="list-style-type: none"> • Complete remaining worksheet sections • Write adaptation options on post-its and place on vulnerability poster(s) 	All Participants
2:40	BREAK	
2:55	<p>ACTIVITY #3: Identify Possible Future Management Actions for Habitats and Species</p> <ul style="list-style-type: none"> • If available, review climate analogues • Brainstorm new and novel approaches to addressing climate change to meet management goals • Identify possible future management actions given vulnerabilities for habitats and species <p><i>Objective: Identify new adaptation strategies and actions for habitats and species to address climate vulnerabilities. Evaluate implementation feasibility and effectiveness, as well as when and how to implement actions.</i></p>	<p>Jessi</p> <p>All Participants</p>
3:55	Wrap Up and Next Day Preview	Jessi
4:00	ADJOURN	



Day 2: Friday, December 15th

Time	Agenda Item	Presenter(s)
9:00	<p>Welcome and Opening Comments</p> <p><i>Objective: Review the day's structure and objectives.</i></p>	Jessi Kershner, EcoAdapt
9:15	<p>Adaptation Case Studies – Planning to Implementation</p> <ul style="list-style-type: none"> • Present adaptation case studies • Questions, comments, discussion <p><i>Objective: Explore case studies moving from planning to implementation.</i></p>	Jessi All Participants
9:30	<p>ACTIVITY #3 CONTINUED</p> <ul style="list-style-type: none"> • Complete remaining worksheet sections • Write adaptation options on post-its and place on vulnerability poster(s) 	All Participants
11:00	BREAK	
11:15	<p>ACTIVITY #4: Link Adaptation Options with Climate Scenarios</p> <ul style="list-style-type: none"> • Review climate scenarios poster developed for a given habitat • Write adaptation options on post-its and assign to a given scenario on habitat poster <p><i>Objective: Breakout groups select which adaptation options will help limit vulnerabilities identified under each future climate scenario as well as actions that would be appropriate under most or all scenarios (no regrets actions).</i></p>	Jessi All Participants
12:15	LUNCH (provided)	
1:00	<p>Large Group Discussion: Adaptation Options for Habitats & Species</p> <ul style="list-style-type: none"> • Report-outs and plenary discussion <p><i>Objective: Breakout groups report back to share adaptation strategies and actions with all participants.</i></p>	Small Group Reporters All Participants
1:45	<p>Workshop Wrap-Up and Next Steps</p> <ul style="list-style-type: none"> • Review next steps in project • Post-workshop evaluation • Closing remarks 	Jessi Sarah Jim
2:00	ADJOURN	

