

Southern California Climate Change Adaptation Planning Workshop

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Danny Rhynes Training Center
San Bernardino, CA



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Project History

- **Fall 2012:** EcoAdapt & partners start Sierra Nevada project with funding from California LCC
- **Spring 2013:** EcoAdapt leads vulnerability & adaptation workshops
- **Winter 2014:** EcoAdapt releases vulnerability and adaptation reports
- **Summer 2014:** EcoAdapt & partners awarded funds to start So Cal project



Project Need

- Feedback from Climate Scorecard
- Forest Plan revision
 - Monitoring program transition
- Project planning and NEPA
- Opportunities outside FS
- Tap into outside expertise

The Forest Service Climate Change Performance Scorecard, 2011 (version 1.3) To be completed annually by each National Forest or Grassland (Unit).		
Scorecard Element	Unit Name	Yes/No
Organizational Capacity		
1. Employee Education	Are all employees provided with training on the basics of climate change, impacts on forests and grasslands, and the Forest Service response? Are resource specialists made aware of the potential contribution of their own work to climate change response?	
2. Designated Climate Change Coordinators	Is at least one employee assigned to coordinate climate change activities and be a resource for climate change questions and issues? Is this employee provided with the training, time, and resources to make his/her assignment successful?	
3. Program Guidance	Does the Unit have written guidance for progressively integrating climate change considerations and activities into Unit-level operations?	
Engagement		
4. Science and Management Partnerships	Does the Unit actively engage with scientists and scientific organizations to improve its ability to respond to climate change?	
5. Other Partnerships	Have climate change related considerations and activities been incorporated into existing or new partnerships (other than science partnerships)?	
Adaptation		
6. Assessing Vulnerability	Has the Unit engaged in developing relevant information about the vulnerability of key resources, such as human communities and ecosystem elements, to the impacts of climate change?	
7. Adaptation Actions	Does the Unit conduct management actions that reduce the vulnerability of resources and places to climate change?	
8. Monitoring	Is monitoring being conducted to track climate change impacts and the effectiveness of adaptation activities?	
Mitigation and Sustainable Consumption		
9. Carbon Assessment and Stewardship	Does the Unit have a baseline assessment of carbon stocks and an assessment of the influence of disturbance and management activities on these stocks? Is the Unit integrating carbon stewardship with the management of other benefits being provided by the Unit?	
10. Sustainable Operations	Is progress being made toward achieving sustainable operations requirements to reduce the environmental footprint of the Agency?	

Project Overview

- **Audience:** land & resource managers
- **Scope:** South/Central California
- **Forests:** Angeles, San Bernardino, Cleveland, Los Padres
- **Vulnerability of:**
 - Habitats
- **Adaptation strategies for:**
 - Habitats
 - Ecosystem services

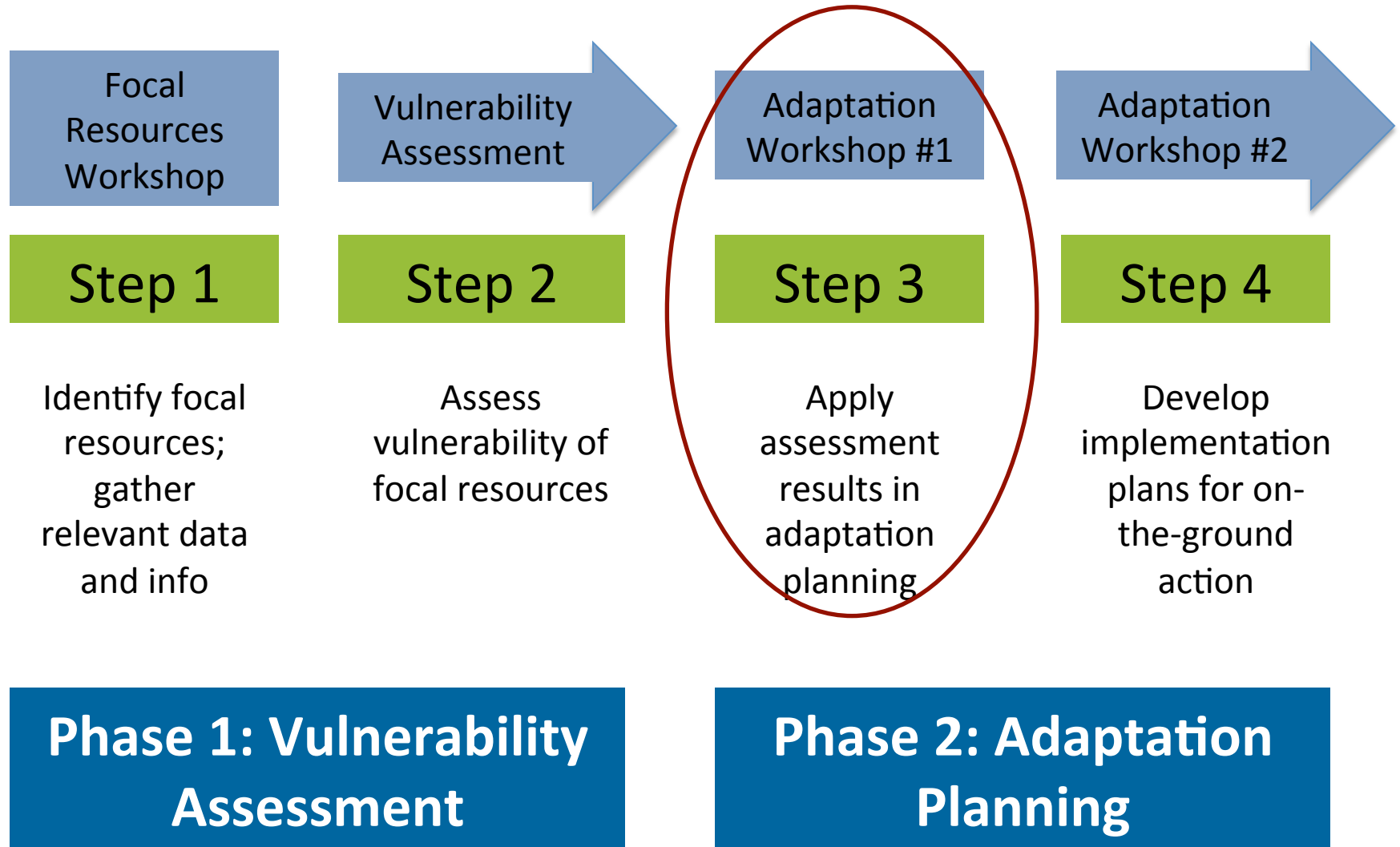


Project Goals

1. Collaboratively identify focal resources that reflect regional efforts and existing conservation goals
2. Conduct a vulnerability assessment for selected focal resources
3. Develop climate-smart adaptation strategies and actions to reduce vulnerabilities or increase resilience of focal resources
4. Generate adaptation implementation plans for focal resources



General Process



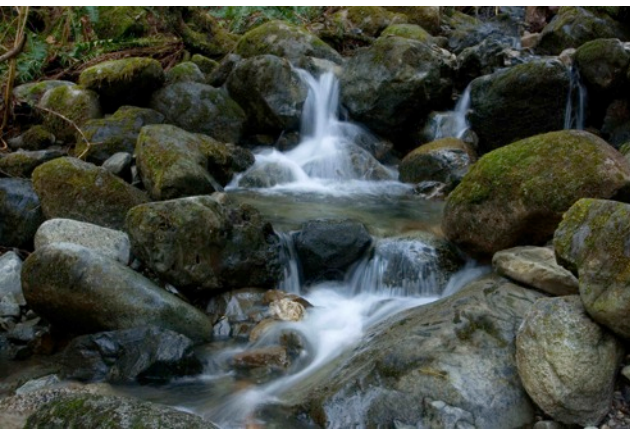
Today: Workshop Goal

To develop climate-smart adaptation strategies and actions to conserve priority Southern California habitats, with a specific focus on National Forest lands.



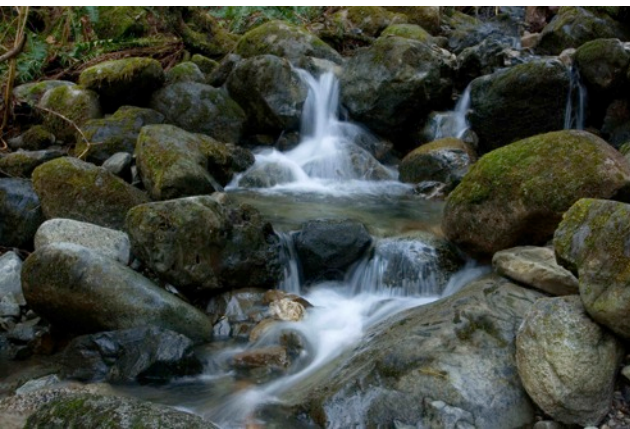
Today: Workshop Objectives

1. Provide participants with baseline knowledge and understanding of projected climate changes and habitat vulnerabilities for the Southern and Central Coast regions
2. Evaluate and revise current management goals and actions given vulnerabilities



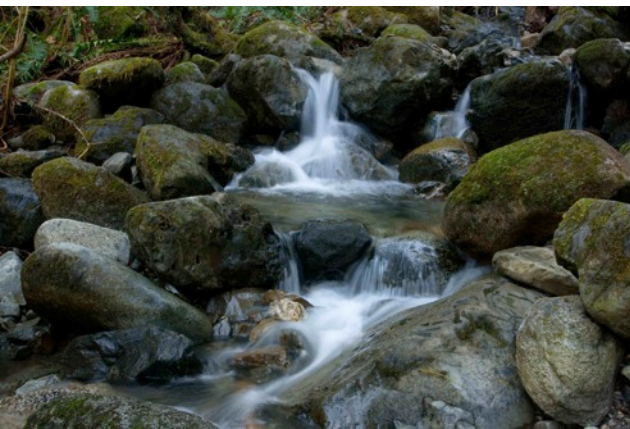
Tomorrow: Workshop Objectives

3. Generate new climate-smart management goals and actions designed to reduce vulnerabilities or increase resilience of habitats
4. Prioritize climate-smart management actions including where and how to implement

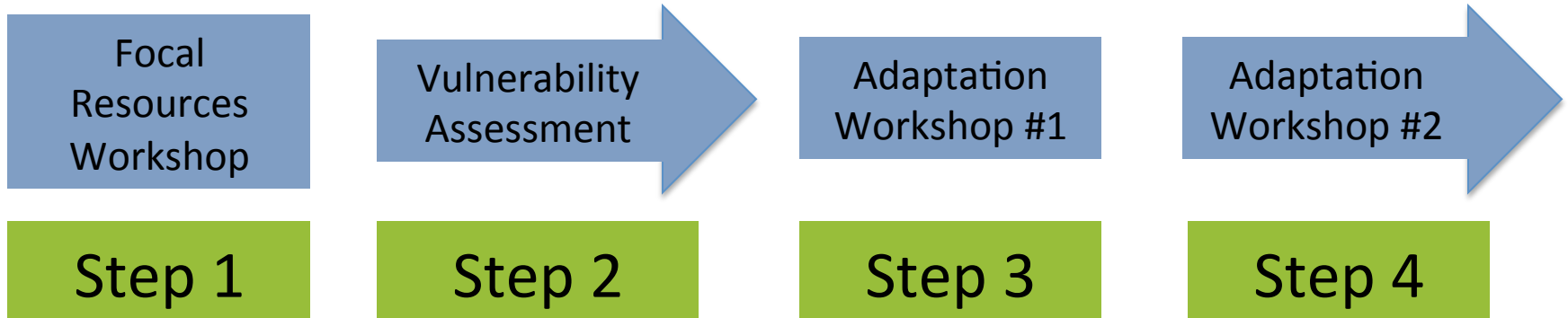


Workshop Outcome

Participants will leave with an understanding of habitat vulnerabilities to climate change and a suite of adaptation actions that could be applied in at least one current project or activity.



Post-Workshop Activities



1. Compilation and synthesis of activities and discussions (June/July 2015)
2. Send sections back to participants for review (July/August 2015)
3. Send out for additional peer-review (August 2015)
4. Finalize workshop report and send to participants (Sept 2015)
5. Adaptation implementation workshop (late Oct/Nov 2015)

Workshop Structure

Today

- Presentations:
 - Habitat vulnerabilities
 - Intro to adaptation
- Group activity:
 - Evaluate and revise current management goals and actions

Tomorrow

- Discussions:
 - Share revised management goals and actions
 - Share new climate-smart management goals and actions
- Group activities:
 - Generate new climate-smart management goals and actions for habitats
 - Identify current indicators and potential application to climate change monitoring



Brief Introductions

- Name
- Organization