

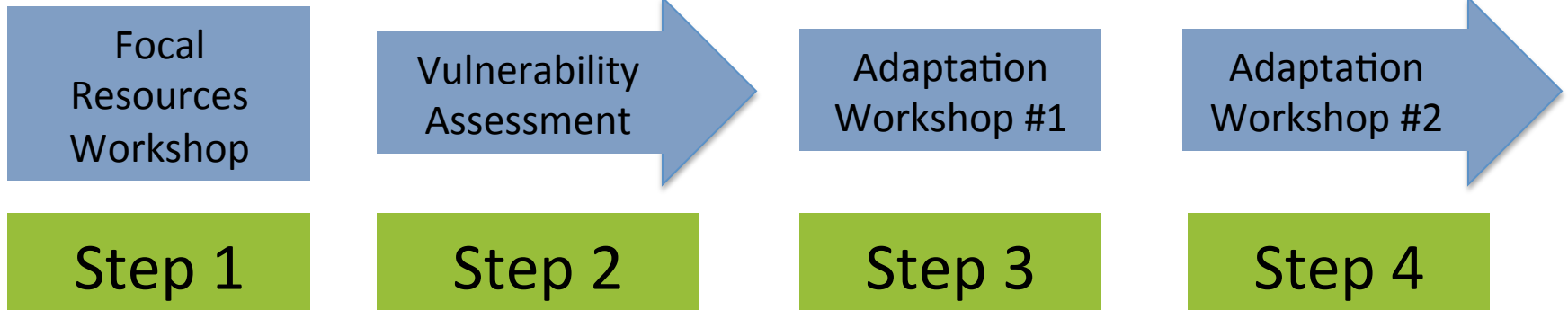
# Southern California Climate Change Adaptation Planning Workshop

**May 20-21, 2015**  
**Danny Rhynes Training Center**  
**San Bernardino, CA**



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# 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)

Idaho and  
Southwestern Montana  
Greater Sage-Grouse  
Draft  
Land Use Plan Amendment and  
Environmental Impact Statement  
Volume II



BLM  
Forest Service

# *Planning Issues to direct/ drive revision/amendment of an existing plan:*

## Example:

- How will the BLM and Forest Service address the potential expansion of non-native annual grasses (i.e., cheatgrass) and associated loss of sagebrush habitats as a result of climate change?

US Department of the Interior  
Bureau of Land Management.

US Department of Agriculture  
Forest Service  
October 2013



# Overarching Guidelines

- Local climate patterns of historical record and related conditions for plant growth **may change** with warmer, drier conditions **likely to occur over the life of this plan.**
- In the future, as tools for predicting climate changes in a management area improve and climate change affects resources and necessitates changes in how resources are managed, the BLM and Forest Service may be required to **re-evaluate decisions** made as part of this planning process and **adjust management accordingly.**

## **Alternative B. Preliminary priority management areas with highest conservation value to maintain or increase GRSB populations (e.g., sagebrush habitat)**

- Re-establish sagebrush cover & desirable understory plants - *highest priority for restoration*
- Native seed required for restoration treatments & establishment of designated seed harvest areas for sagebrush seed collection in fire prone areas.

## Alternative B.

- Climate change would be a consideration when proposing native seed collection.
  - Long-term availability of native seed
  - Resilience of native seed
- Management action: establish native seed harvest areas that incorporate climate change effects.
- BLM & Forest Service to consider climate change when determining species for restoration.

# Why Engage in Adaptation Planning?

Adaptation planning **can help:**

- Shift the *way* you are implementing current management actions
- Prioritize no-regrets actions with high likelihood of success/impact
- Identify cross-resource opportunities that:
  - Accomplish objectives across a range of resources
  - Can be used to leverage funding, partnerships, etc.



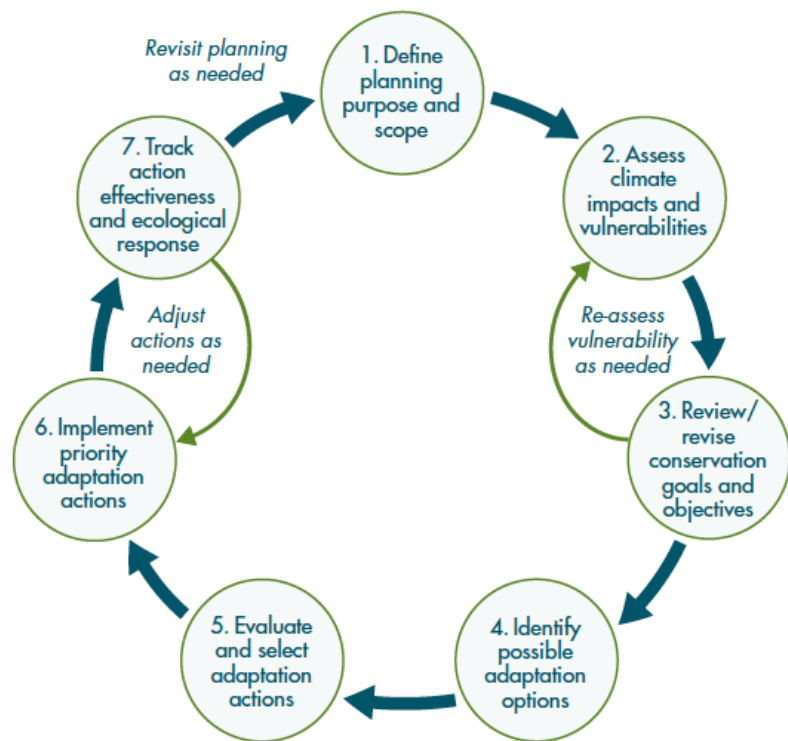
**Use climate change as a context for:**

- **Identifying options**
- **Evaluating tradeoffs**



# Pathways to Adaptation Action

1. Remember your goal (what are you trying to achieve?)
2. Assess the information you have
3. Identify how you can meet your goal given what you know about climate change
4. Start taking action, monitor your effectiveness, and talk with others



## ADAPTATION ACTION HAPPENS WHEN:

- It's built into existing efforts
- It doesn't focus just on climate change





# Before You Leave...

1. Please turn in all activity worksheets!
2. Fill out short post-workshop survey.
3. Take food home!

# Acknowledgements

And all of  
YOU!



CONSERVATION  
BIOLOGY  
INSTITUTE

