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# Climate Change Policy & Context: USDA Forest Service Region 5



# 3 Climate Plans from Biden EO 14008: Tackling the Climate Crisis at Home and Abroad



**America the Beautiful: 30 by 30**

**Climate-Smart Ag and Forestry**

**USDA Climate Action Plan**

- **USFS Climate Action Plan**
- **USFS Climate Action Tracker**





# Region 5 Climate Change Integration Team (CCIT)

- Aligns and builds upon existing efforts to assure successful incorporation of climate change considerations into our programs, plans, practices, and partnerships.
- Serves in a facilitation role, integrating climate change science, policy, and best management practices across agency staff areas, between field units, and with key state and non-profit partners.



R5 CCIT Intranet Site: <http://fsweb.r5.fs.fed.us/program/ccit/>

# FY 2022 R5 CCIT Priorities



**Execution and Elaboration of  
EcoAdapt Vulnerability  
Assessments and Products:  
Sierra, SoCal, and NorCal**

**Replicate the Sierra Nevada  
Recreation & Infrastructure  
Vulnerability  
Assessment/Adaptation  
Strategy effort across southern  
California**

**Promote increased adoption of  
the Adaptation Workbook to  
drive climate change  
considerations into early-stage  
NEPA via Workbook Pilots and  
NEPA Planner Training**

**Provide targeted Sustainable  
Operations assistance**

**Engage across organizational  
levels and programs to  
collectively implement the USFS  
Climate Adaptation Plan and  
Climate Action Tracker**

**Develop a climate change  
communication plan  
(internal and external)**

# Contact Information



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# Northwest Forests and Plan Revision

Sarah Sawyer, Wildlife Ecologist (USFS WO)

Ramona Butz, Northern Province Ecologist (USFS R5)



# Assessing Climate Vulnerabilities

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- **Goals:**

- Improve understanding of why important Northern California resources may be vulnerable to changing climate conditions
- Identify what adaptation actions can be implemented to reduce vulnerabilities and/or increase overall resilience.

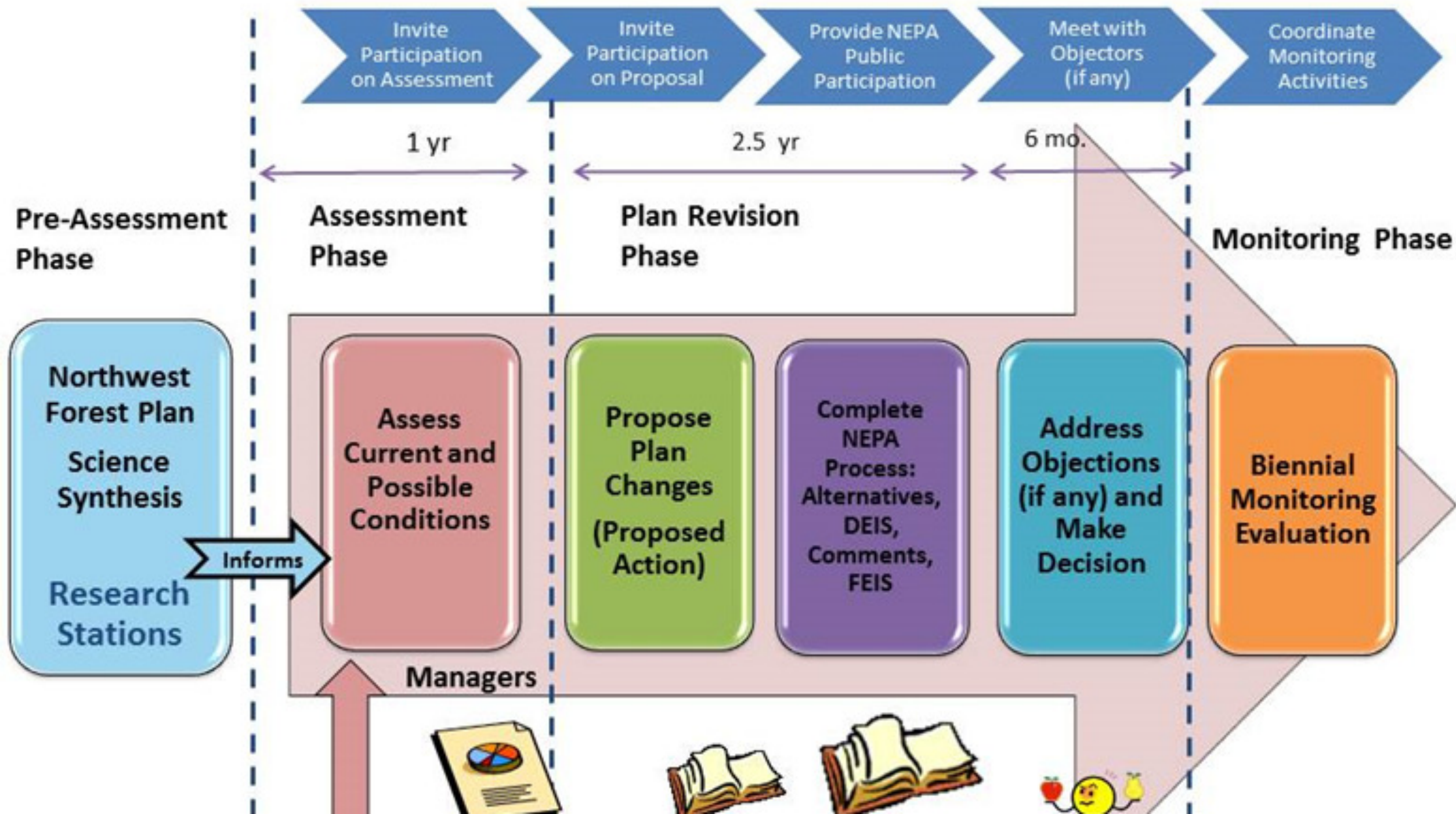
- **Methods:**

- Synthesize existing scientific literature and information
- Augment synthesis with expert and stakeholder input through workshops, surveys, and webinars.

**Role in Planning:**

- Vulnerability assessments and climate change BASI will inform the assessment, plan revision, and monitoring phases of planning.





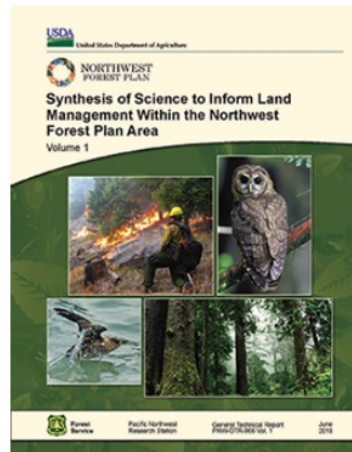


# Science Synthesis

gov/pnw/page/synthesis-science-inform-land-management-within-northwest-forest-plan-area

## Synthesis of science to inform land management within the Northwest Forest Plan area

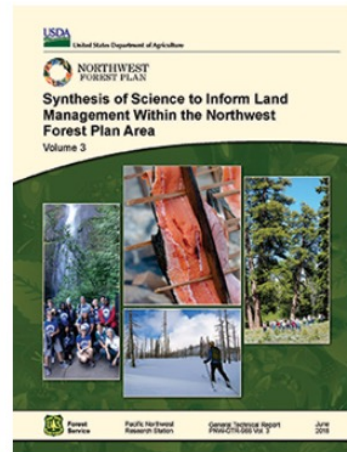
Spies, T.A.; Stine, P.A.; Gravenmier, R.; Long, J.W.; Reilly, M.J., tech. coords. 2018. Synthesis of science to inform land management within the Northwest Forest Plan area. Gen. Tech. Rep. PNW-GTR-966. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 1020 p. 3 vol.



Volume 1 (PDF - 21 MB)



Volume 2 (PDF - 11 MB)



Volume 3 (PDF - 21 MB)

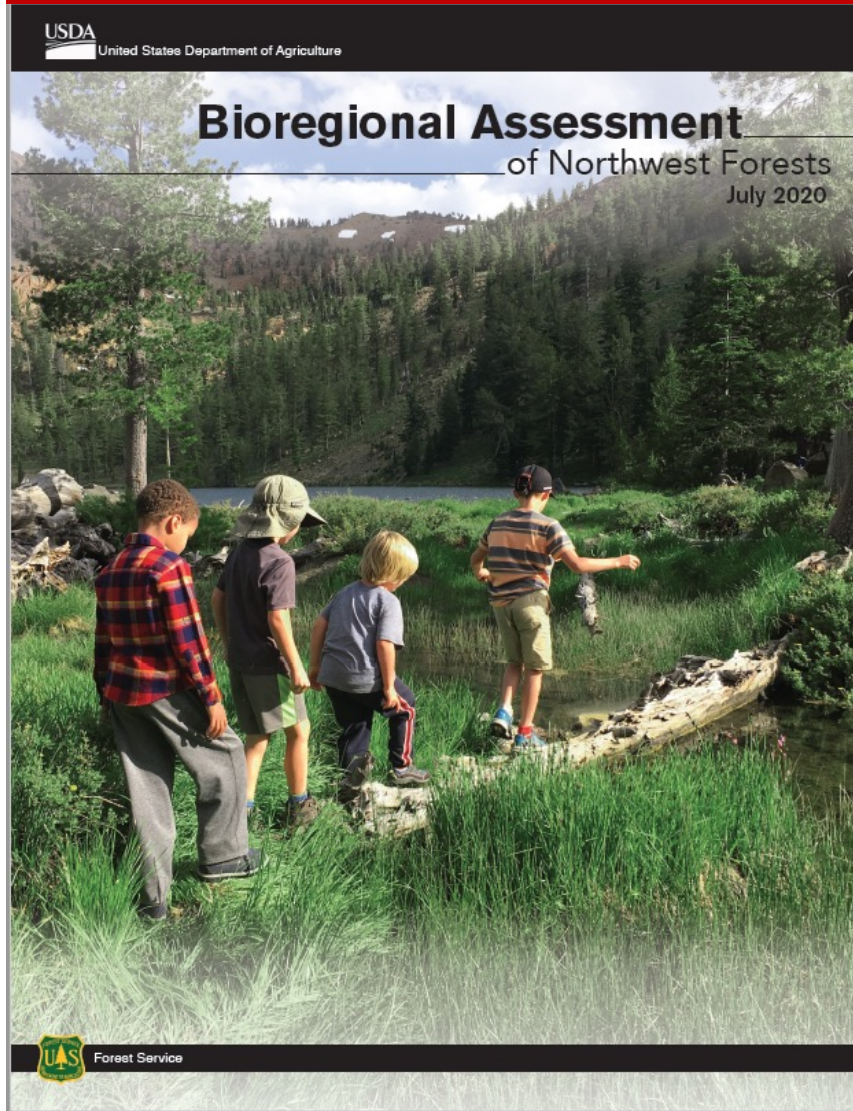
### Synthesis of Science to Inform Land Management Within the Northwest Forest Plan Area (FINAL)

The Northwest Forest Plan (NWFP) science synthesis report is comprised of three volumes due to size. Below are the three volumes and a chapter listing. Hardcopies of the three-volume report will be available later in summer 2018. An executive summary that summarizes key findings is in progress and will be posted later in June 2018.

VOLUME 1

- **Climate Change Chapter**
- **Predates this project, was used as resources in this project**

# Bioregional Assessment



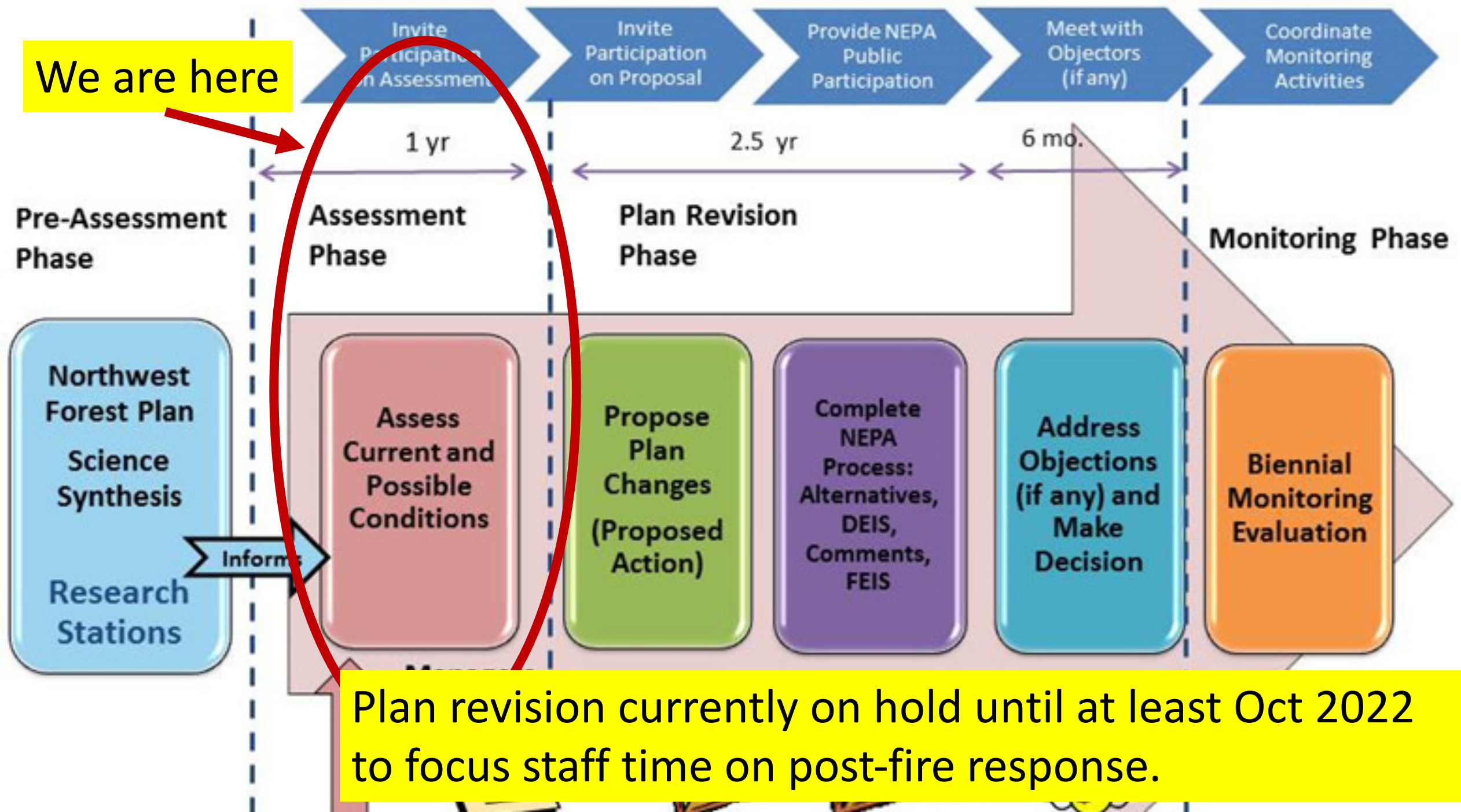
## Table of contents

	<b>Introduction . . . . .</b> 03 Reviews information relevant to the following chapters, including maps of boundaries and conservation strategies.
	<b>Chapter 1 Serving People . . . . .</b> 11 Recognizes the importance of considering impacts to communities from land management planning.
	<b>Chapter 2 Management Recommendations . . . . .</b> 21 Discusses our 10 key recommendations for modernizing land management plans.
	<b>Chapter 3 What is Working Well . . . . .</b> 41 Acknowledges that some existing land management direction is working well.
	<b>Chapter 4 Management Challenges and Opportunities for Change . . . . .</b> 51 Discusses management challenges and potential opportunities for change that support chapter 2 recommendations.
	<b>Chapter 5 Geographic Consideration . . . . .</b> 67 Shows where management challenges are occurring and what issues might be addressed with a consistent approach across multiple national forests and grasslands.
	<b>Next Steps and How to Stay Involved . . . . .</b> 79 Offers information about what's coming next and encourages continued public engagement.
	<b>Glossary . . . . .</b> 80
	<b>References . . . . .</b> 86

- **Climate change component relied on early drafts of this work as well as other literature**
- **Forest Assessments still to come, using products from this project**



We are here



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