

A person wearing a grey jacket, a red hard hat, and safety harness is standing in a lush forest. They are looking down at a notebook or tablet they are holding. The forest is filled with tall trees and dense green undergrowth, including many ferns. The lighting is soft, suggesting a shaded forest environment.

# McDonald & Dunn Forest Management Planning Process

Spring 2022 – Fall 2023

**OSU College of Forestry**  
**McDonald-Dunn Research Forest Faculty Planning Committee Meeting #13**  
**316 Peavy Forest Science Center or Zoom ([Join Zoom Meeting](#))**  
**1 May 2023, 11am-1pm**

**Agenda**

*Meeting Purpose:*

- *Discuss input for modeling re: reforestation*
- *Explore FPC plans for writing technical components of the plan*

<b>Start Time</b>	<b>Activity</b>
11:00am	<b>Welcome and discussion of modeling input</b>
11:15am	<b>Revisit plans for crafting components of the new plan</b>
11:30am	<b>Break into smaller work groups to discuss approach to the work ahead</b>
1:00pm	<b>Adjourn</b>



### **COMMUNITY LISTENING SESSION**

The video from our community listening session on November 7 is now available.

[VIEW THE RECORDING](#)

## **MCDONALD-DUNN RESEARCH FOREST PLANNING PROCESS**



# MCDONALD-DUNN RESEARCH FOREST PLANNING PROCESS



The OSU College of Forestry is developing a new management plan for the McDonald and Dunn Research Forests, which is anticipated to be ready for implementation in 2024. This new plan will determine how the forests provide opportunities for teaching, research and outreach efforts of the College of Forestry. The new research forest plan will reflect the college's diverse values, and will position the McDonald-Dunn Research Forest to be a model example of multiple value forest management. Management decisions and activities on the McDonald-Dunn Research Forest will be driven by College of Forestry research agendas, education and demonstration opportunities, and considerations of an inclusive balance of forest uses and values.

The process of developing the new management plan will involve opportunities for public input, and two committees working in tandem from spring 2022 through fall 2023.

- Public input opportunities include three Community Listening Sessions, a [webform](#) through which written comments can be provided, and an [email](#) to which written questions can be sent.
- Two committees will assist in the development of the new plan: an external Stakeholder Advisory Committee (SAC) and College of Forestry Faculty Planning Committee (FPC). Comments submitted through the webform will be forwarded to these committees.

## Upcoming Meetings & Events:

- May 1, 2023, 11:00am-1:00pm – Faculty Planning Committee Meeting ([agenda](#), open to the public to listen remotely through Zoom but not comment; video recording will be posted online after the meeting)  
Zoom link: <https://oregonstate.zoom.us/j/8948549218?pwd=Uko4L2hYbnpQU0dWlhWWGxhCFZz09>

## Past Meetings & Events:

- June 14, 2022, SAC and FPC Joint Kickoff Meeting ([agenda](#), [video](#), [meeting summary](#))
- Aug 30, 2022, SAC Meeting ([agenda](#), [presentation](#), [meeting summary](#))
- Aug. 31, 2022, Community Listening Session ([agenda](#), [presentation](#), [meeting summary](#))
- Sept. 16, 2022, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [meeting summary](#))
- Sept. 20, 2022, Stakeholder Advisory Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Oct. 11, 2022, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Oct. 25, 2022, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Nov. 7, 2022, Community Listening Session ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Nov. 22, 2022, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Dec. 5, 2022, Stakeholder Advisory Committee ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Dec. 6, 2022, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))- Remarks made by an individual during the Dec 6 Faculty Planning Committee meeting do not reflect the values of the university or the College of Forestry, or our shared commitment to respectful discussion and engagement. The College appreciates all input being provided in planning the future of the McDonald-Dunn Research Forests and is committed to listening to and considering all perspectives with respect. An apology for these remarks was made during the Stakeholder Advisory Committee meeting on Dec 13.
- Dec. 13, 2022, Stakeholder Advisory Committee Meeting ([agenda](#), [video recording](#), [meeting summary](#))
- Dec. 20, 2022, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Jan. 18, 2023, Stakeholder Advisory Committee ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Jan. 23, 2023, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Feb. 6, 2023, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Feb. 20, 2023, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Feb. 25, 2023, SAC and FPC Joint Field Tour
- Mar. 1, 2023, Stakeholder Advisory Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Mar. 6, 2023, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Mar. 20, 2023, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Mar. 21 & 22, 2023, Academic User Listening Sessions (open forums)
- Mar. 27, 2023, SAC and FPC Joint Field Tour
- Apr. 13, 2023, Stakeholder Advisory Committee Meeting ([agenda](#), [presentation 1](#), [presentation 2](#), [video recording](#), [meeting summary](#))
- Apr.17, 2023, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))

SUBMIT YOUR COMMENTS

SUBMIT YOUR QUESTIONS

STAY CONNECTED

READ PUBLIC COMMENTS

HISTORIC DOCUMENTS - MCDONALD-DUNN RESEARCH FOREST PLANNING  
2004-PRESENT

# McDonald & Dunn Research Forests Management Planning Process

## Phase I: Information gathering, Discussions, Assessment of former FMP (Spring-Summer 2022)

Initial Interviews

Inventory of COF  
Academic Use

Community Listening  
Session I

Stakeholder Advisory  
Committee Meetings

Faculty Planning  
Committee Meetings

Comment / Question  
Submission

## Phase II: Synthesizing, Modeling, Writing, Refining (Fall 2022-Fall 2023)

Stakeholder Advisory  
Committee Meetings

Faculty Planning  
Committee Meetings

Community Listening  
Session II

Academic User  
Listening Session

Community Input  
Sessions I & II

Comment / Question  
Submission

## Phase III: Finalizing (By end of 2023)

Presentation of draft plan to the Dean &  
Forestry Executive Committee for review

Forest management plan refinement

Forest management plan approval by Dean

# McDonald & Dunn Research Forests Management Planning Process

PHASE 2		SYNTHESIZING, MODELING, REFINING, WRITING	
2a	<b>Synthesizing</b>		
		<p><u>SAC meetings</u></p> <ul style="list-style-type: none"> <li>-write synthesis document to share with FPC</li> <li>-identify new 'management strategies' &amp; 'scenarios'</li> <li>-consider structure &amp; components of the new plan</li> </ul> <p><u>FPC meetings</u></p> <ul style="list-style-type: none"> <li>-write overarching principles document to share with SAC</li> <li>-identify new 'management strategies' &amp; 'scenarios'</li> <li>-consider structure &amp; components of the new plan</li> </ul>	
2b	<b>Modeling, Refining</b>		
	Round 1	Modeling	
		Evaluation of merits of each scenario (SAC, FPC, Community Input Session I)	
	Round 2	Modeling	
	Evaluation of merits of each scenario (SAC, FPC, Community Input Session II)		
2c	<b>Writing</b>		
		Drafting of chapters (various work groups and individuals)	

*Detailed view of Phase 2 of the plan development process*

# Modeling

## Planting Densities and Natural Tree Recruitment

\*\*This document presents desired tree densities for young stands. It is intended for forest modeling purposes; i.e., these are not silvicultural prescriptions.

Mgmt Strategy	Site Type	Aspect	Planting TPA	Target TPA (@ 5 yrs)	TPA by Species (planted and natural trees)							Questions & Notes
					DF	PP	RC	IC	WO	GF	BM	
Even-aged, Short Rotation	NE	0-90	400	360	375					20	5	We have a component of GF in most stands
	SE	91-180	360	300	310	25				20	5	
	SW	181-270	300	250	200	40		35		20	5	
	NW	271-360	360	300	310	25				20	5	
	Riparian Adjacent	All						50				
Even-aged, Long Rotation	NE	0-90	400	360	370					20	10	
	SE	91-180	360	300	305	25				20	10	
	SW	181-270	300	250	195	40		35		20	10	
	NW	271-360	360	300	305	25				20	10	
	Riparian Adjacent	All						50				
Multi-aged, Multi-species	NE	0-90	360	300	300		10			30	20	Small proportions of other species - CH, PY, DG, MA
	SE	91-180	300	250	125	75		25	25	25	25	Small proportions of other species - CH, MA
	SW	181-270	250	200	75	75		25	25	25	25	Small proportions of other species - CH, MA
	NW	271-360	300	250	125	75		25	25	25	25	Small proportions of other species - CH, MA
	Riparian Adjacent	All						50				
Managed Reserves	Unforeseen, Stand-replacing Event	All										Addressed on a case-by-case basis; not included in modeling
Ecosystems of Concern	Oak Restoration	All	50	25		5			40		5	
	Meadow Restoration	All	<25	<25					10		10	
	Riparian Restoration	All										Addressed on a case-by-case basis; not included in modeling

# Draft Table of Contents of the New Plan

## • Executive Summary

## • Introductory Context

- I. Goals of the McDonald-Dunn Forest; desired future conditions
- II. Development of Vision, Mission, Goals for College of Forestry Research Forests in 2020
- III. Development of McDonald-Dunn Research Forest Plan in 2022-2023
- IV. Overview of Recent History of the McDonald-Dunn Forest (1993 plan; 2005 plan; suspension; resumption)

## • Site Description

- I. Location
- II. Biophysical Conditions
- III. History: Ownership, Morrill Act, Land Use
- IV. Cultural Resources
- V. Zoning, Regulations
- VI. Harvest History and Recreation Use History
- VII. Current Forest Conditions

## • New Management Paradigms

### I. Prioritization of Opportunities for Research, Teaching, & Demonstration

- a. Long-term Research Projects
- b. Dedicated Teaching Areas
- c. Research, Teaching, & Demonstration Projects

### II. Forest Management Regimes that Create Learning Opportunities & Ensure Financial Sustainability

- a. Five Management Regimes
- b. Timber Harvest Schedule
- c. Future Forest Condition: Growth & Yield
- d. Alternative Funding Mechanisms

### III. Incorporation of Native American Perspectives

- a. TBD

## IV. Maintaining Biodiversity

- a. At-risk Plants & Wildlife
- b. Management of Wildlife Habitat
- c. Management of Aquatic resources
- c. Management of Vegetation Communities of Concern
- d. Management of Legacy Trees, Snags, & Down Wood

## V. Managing Threats to Forest Health

- a. Climate Change
- b. Invasive Species
- c. Wildfire
- d. Insects & Disease
- e. Development (WUI)
- f. Vandalism

## VI. Nurturing Human Dimensions

- a. Recreation
- b. Cultural Heritage

## VII. Enhancing Community Engagement

- a. Community Science
- b. Interpretation
- c. Communication Strategies

## • Plan Implementation

- I. Roles - Research Forest Staff, Forest Executive Committee, Dean
- II. Annual Reporting
- III. Adaptive Management/Continuous Improvement
- IV. Performance & Sustainability Indicators

## • Literature Cited

## • Glossary

## • Appendices



# Draft Table of Contents of the New Plan – slightly revised

## • Executive Summary

## • Introductory Context

- I. Goals of the McDonald-Dunn Forest; desired future conditions
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- IV. Overview of Recent History of the McDonald-Dunn Forest (1993 plan; 2005 plan; suspension; resumption)

## • Site Description

- I. Location
- II. Biophysical Conditions
- III. History: Ownership, Morril Act, Land Use
- IV. Cultural Resources
- V. Zoning, Regulations
- VI. Harvest History and Recreation Use History
- VII. Current Forest Conditions

## • New Management Paradigms

### I. Incorporation of Native American Perspectives

- a. TBD

### II. Prioritization of Opportunities for Research, Teaching, & Demonstration

- a. Long-term Research Projects
- b. Dedicated Teaching Areas
- c. Research, Teaching, & Demonstration Projects

### III. Forest Management Regimes that Create Learning Opportunities & Ensure Financial Sustainability

- a. Five Management Regimes
- b. Timber Harvest Schedule
- c. Future Forest Condition: Growth & Yield
- d. Alternative Funding Mechanisms

## IV. Maintaining Biodiversity

- a. At-risk Plants & Wildlife
- b. Management of Wildlife Habitat
- c. Management of Aquatic resources
- c. Management of Vegetation Communities of Concern
- d. Management of Legacy Trees, Snags, & Down Wood

## V. Managing Threats to Forest Health

- a. Climate Change
- b. Invasive Species
- c. Wildfire
- d. Insects & Disease
- e. Development (WUI)

## VI. Human Dimensions

- a. Recreation
- b. Cultural Heritage
- c. Vandalism

## VII. Enhancing Community Engagement

- a. Community Science
- b. Interpretation
- c. Communication Strategies

## • Plan Implementation

- I. Roles - Research Forest Staff, Forest Executive Committee, Dean
- II. Annual Reporting
- III. Adaptive Management/Continuous Improvement
- IV. Performance & Sustainability Indicators

## • Literature Cited

## • Glossary

## • Appendices

# Draft Table of Contents of the New Plan – lead writers

<b>• Executive Summary</b>	
<b>• Introductory Context</b>	<b>FPC members who will work on this section</b>
I. Goals of the McDonald-Dunn Forest; desired future conditions	Holly
II. Development of Vision, Mission, Goals for College of Forestry Research Forests in 2020	Holly
III. Development of McDonald-Dunn Research Forest Plan in 2022-2023	Holly
IV. Overview of Recent History of the McDonald-Dunn Forest (1993 plan; 2005 plan; suspension; resumption)	Holly
<b>• Site Description</b>	
I. Location	Fitz, Brent
II. Biophysical Conditions	Fitz, Brent, Carli
III. History: Ownership, Morrill Act, Land Use	Fitz, Brent
IV. Cultural Resources	Fitz, Brent
V. Zoning, Regulations	Fitz, Brent
VI. Harvest History and Recreation Use History	Fitz, Brent, Jenna
VII. Current Forest Conditions	Fitz, Brent, Carli
<b>• New Management Paradigms</b>	
<b>I. Prioritization of Opportunities for Research, Teaching, &amp; Demonstration</b>	
a. Long-term Research Projects	Fitz, Brent
b. Dedicated Teaching Areas	Fitz, Brent
c. Research, Teaching, & Demonstration Projects	Fitz, Brent
<b>II. Forest Management Regimes that Create Learning Opportunities &amp; Ensure Financial Sustainability</b>	
a. Five Management Regimes	Holly
b. Timber Harvest Schedule	Fitz, Brent, Carli
c. Future Forest Condition: Growth & Yield	Fitz, Brent, Carli
d. Alternative Funding Mechanisms	Dave, Mindy?
<b>III. Incorporation of Native American Perspectives</b>	
a. TBD	Holly; <i>conversations are underway</i>
<b>IV. Maintaining Biodiversity</b>	
a. At-risk Plants & Wildlife	Mark, Brent
b. Management of Wildlife Habitat	Bailey, Mark, Tiffany
c. Management of Aquatic resources	Tiffany, Kevin?
c. Management of Vegetation Communities of Concern	<i>unsure if this is needed</i>
d. Management of Legacy Trees, Snags, & Down Wood	Bailey, Mark

<b>V. Managing Threats to Forest Health</b>	
a. Climate Change	Bailey, Dave
b. Invasive Species	Bailey, Carli
c. Wildfire	Bailey, Dave
d. Insects & Disease	Bailey, Dave
e. Development (WUI)	Bailey, Dave
<b>VI. Human Dimensions</b>	
a. Recreation	Mindy, Jenna, Ian
b. Cultural Heritage	Mindy, Brent, Ian
c. Managing vandalism	Mindy, Jenna, Ian
<b>VII. Enhancing Community Engagement</b>	
a. Community Science	<i>entire FPC</i>
b. Interpretation	<i>entire FPC</i>
c. Communication Strategies	<i>entire FPC</i>
<b>• Plan Implementation</b>	
I. Roles - Research Forest Staff, Forest Executive Committee, Dean	<i>entire FPC</i>
II. Annual Reporting	<i>entire FPC</i>
III. Adaptive Management/Continuous Improvement	<i>entire FPC</i>
IV. Performance & Sustainability Indicators	<i>entire FPC</i>
<b>• Literature Cited</b>	
<b>• Glossary</b>	<i>entire FPC</i>
<b>• Appendices</b>	TBD

