



McDonald & Dunn Forest Management Planning Process

Spring 2022 – Fall 2023

OSU College of Forestry
McDonald-Dunn Research Forest Faculty Planning Committee Meeting #3
316 Peavy Forest Science Center or Zoom ([Join Zoom Meeting](#))
25 October 2022, 1:30-3pm

Agenda

Meeting Purpose:

- *Consider how we ensure the creation of forest conditions that provide opportunities for innovate research, teaching, and outreach that addresses contemporary challenges.*

Start Time	Activity
1:30pm	Welcome, overview of recent and upcoming events
1:35pm	<p>What forest conditions should we strive to create to facilitate opportunities for research, teaching, and outreach that addresses contemporary forest-related challenges?</p> <p>How might this translate into management themes?</p> <p>What considerations should be considered regarding spatial arrangements of themes across the landscape?</p> <p>How do we ensure flexibility to address emerging issues?</p>
2:55pm	Next steps
3:00pm	Adjourn

*** We'll be sharing information back with the SAC, so will spend some time today clarifying past conversation points to pass along.**

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:

- Oct. 25, 2022, 1:30-3:00pm - Faculty Planning Committee Meeting (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/95844750712?pwd=NVlMEjUuSFY6dzh6eGRQT2NvZTNlU09>
- Nov. 7, 2022, 6:00 p.m. - 8:00 p.m. Community Listening Session
The OSU College of Forestry invites you to a Community Listening Session on Monday, November 7, 6-8 p.m. We want to hear about your ideas, experiences and hopes related to the McDonald and Dunn Research Forests as we develop a new forest management plan. This event is an opportunity for anyone who uses the forests or is interested in their future to share thoughts on (1) what they value about the forests, (2) what could be done to increase the ability of the forests to provide learning opportunities, and (3) what should be prioritized to ensure sound forest management in the face of changing conditions (increased recreational use, wildfire risk, and climate change impacts, etc.). Community input will be collected and considered in developing plan content, implementation actions and outreach related to the Forest Management Plan. There will be additional engagement opportunities for public input and comment on the substance of the Forest Management Plan going forward. Please [REGISTER](#) in advance.
- Nov. 8, 2022, 1:00-3:00pm - Faculty Planning Committee Meeting (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/98465035685?pwd=RkhWb3RwYWlNlWZlRyYjByM2YzRVg4Zz09>
- Nov. 22, 2022, 1:00-3:00pm - Faculty Planning Committee Meeting (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/97627376186?pwd=c01zTzkrRjVENDlVVGJzWFEg1M3hsOT09>
- Dec. 6, 2022, 1:00-3:00pm - Faculty Planning Committee Meeting (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/96973080286?pwd=MXhxOUwrekh6NFJYeFRkN1MzaGdrUT09>

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](#))

[SUBMIT YOUR COMMENTS](#)
[SUBMIT YOUR QUESTIONS](#)
[STAY CONNECTED](#)

McDonald & Dunn Forest Planning Process Update

Date	Meeting type	Meeting intent
June 14	Joint SAC-FPC Meeting	Introductions; expectation setting
Aug 30	SAC meeting #1	Review 2005 Forest Plan; Research Forest vision, mission, goals; 2005 themes
Aug 31	Community Listening Session #1	Input on aspirations relative to the 3 missions of the Research Forests
Sept 16	FPC meeting #1	Review 2005 Forest Plan; Research Forest vision, mission, goals; 2005 themes
Sept 20	SAC meeting #2	Discuss answers to prior questions; explore ideas on new themes
Oct 11	FPC meeting #2	Discuss answers to prior questions; explore ideas on new themes
Oct 25	FPC meeting #3	Desired forest conditions to provide learning opportunities; ensuring flexibility
Nov 7	Community Listening Session #2	Input on new themes and special issues (values provided by the forests, how to expand learning opportunities, how to address changing climatic conditions)
Nov 8	FPC meeting #4	
Nov 22	FPC meeting #5	
TBD	SAC meeting #3	
Dec 6	FPC meeting #6	

* Growth and yield modeling will occur Dec-Jan

McDonald & Dunn Forest Planning

3 Missions of the Research Forests

- To create opportunities for education, research, and outreach to address the economic, social, and environmental values of current and future generations of Oregonians and beyond.
- To demonstrate how an actively and sustainably managed forest fosters economic prosperity, biodiversity conservation, and resilience amidst disturbances and global change.
- To support social and cultural values of forests, enhancing the wellbeing of local communities, Tribal communities, and our broader citizenship.

McDonald & Dunn Forest Aspirations – Missions 1 & 2

- *How do we ensure the creation of forest conditions that provide opportunities for innovate R/T/O that addresses contemporary challenges and demonstrate sustainable forest management?*
- Topics of contemporary interest that could be addressed on the research forests:
 - Wildfire risk; fuels research
 - Demonstrate how to adapt management to climate change
 - Demonstrate how to manage forests for sustainable and inclusive recreation for multiple user groups
 - Species conservation and response to forest management
 - Demonstrate how to promote biodiversity in managed forests
 - Demonstrating cultural values of forests:
 - cultural and spiritual connections
 - Implement Traditional Ecological Knowledge
 - Holistic approach: Integrating ecosystem management at a landscape scale, taking into account connectivity
 - Pairing traditional inventory with new remote sensing approaches
 - Pairing biodiversity inventory with molecular and genomic approaches
 - Heighten experiential learning opportunities for OSU undergraduates
 - Invasive species management
 - Utilizing cutting edge technology in harvesting systems
 - Utilizing innovative approaches to structural design of harvest
 - Reforestation research and vegetation management
 - Silviculture research
 - Carbon sequestration
 - Water storage; hydrology
 - Managing forests on the wildland-urban interface
 - Revenue generation; economic sustainability
 - Research on communicating with the public on forest management
 - Community engagement
 - Innovation on what to measure and monitor, and HOW to be cost-effective
 - Demonstrate restoration
 - Cross-disciplinary and cross-ecosystem collaborative research
 - Opportunity to demonstrate conflict management in forest management

* Input from FPC suggested during this meeting

2005 McDonald Dunn Forest Plan - Themes

1. Short rotation wood production with high return on investments
2. High-quality, growth maximizing timber production
3. Visually-sensitive, even-aged forests
4. Structurally diverse complex forest

Each represents a different set of management objectives used by various forestland owners and managers in Oregon.

2005 Forest Plan Themes & Zones

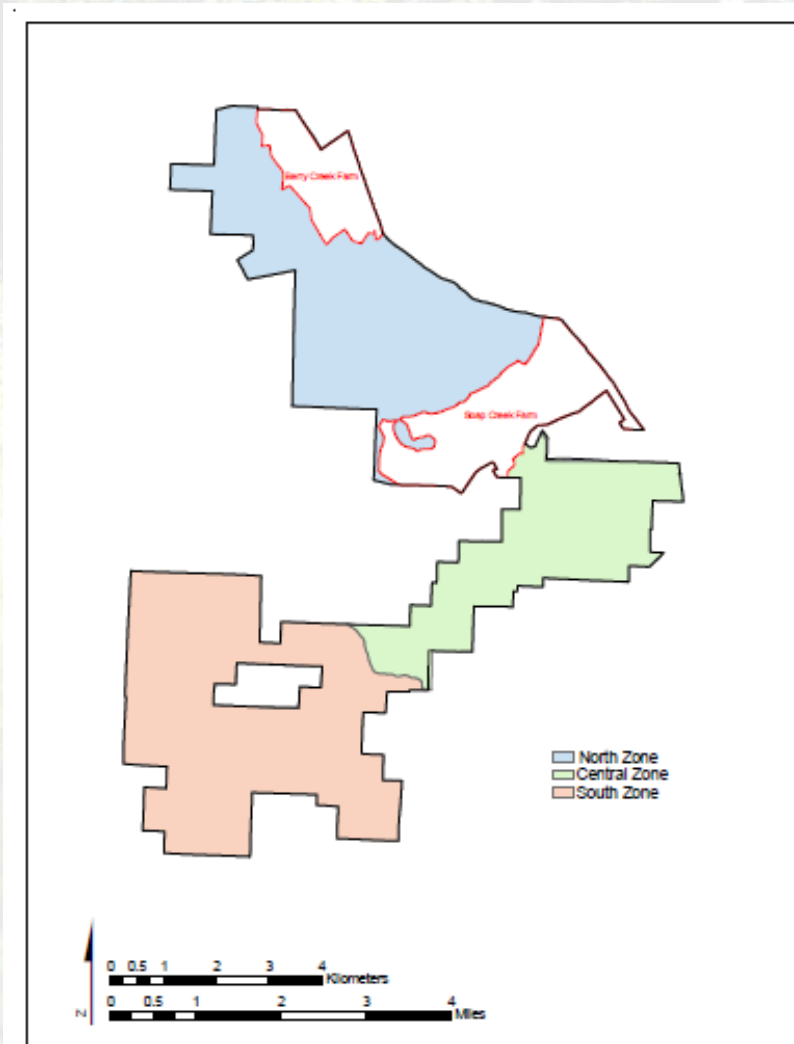


Figure 14. Forest Zones

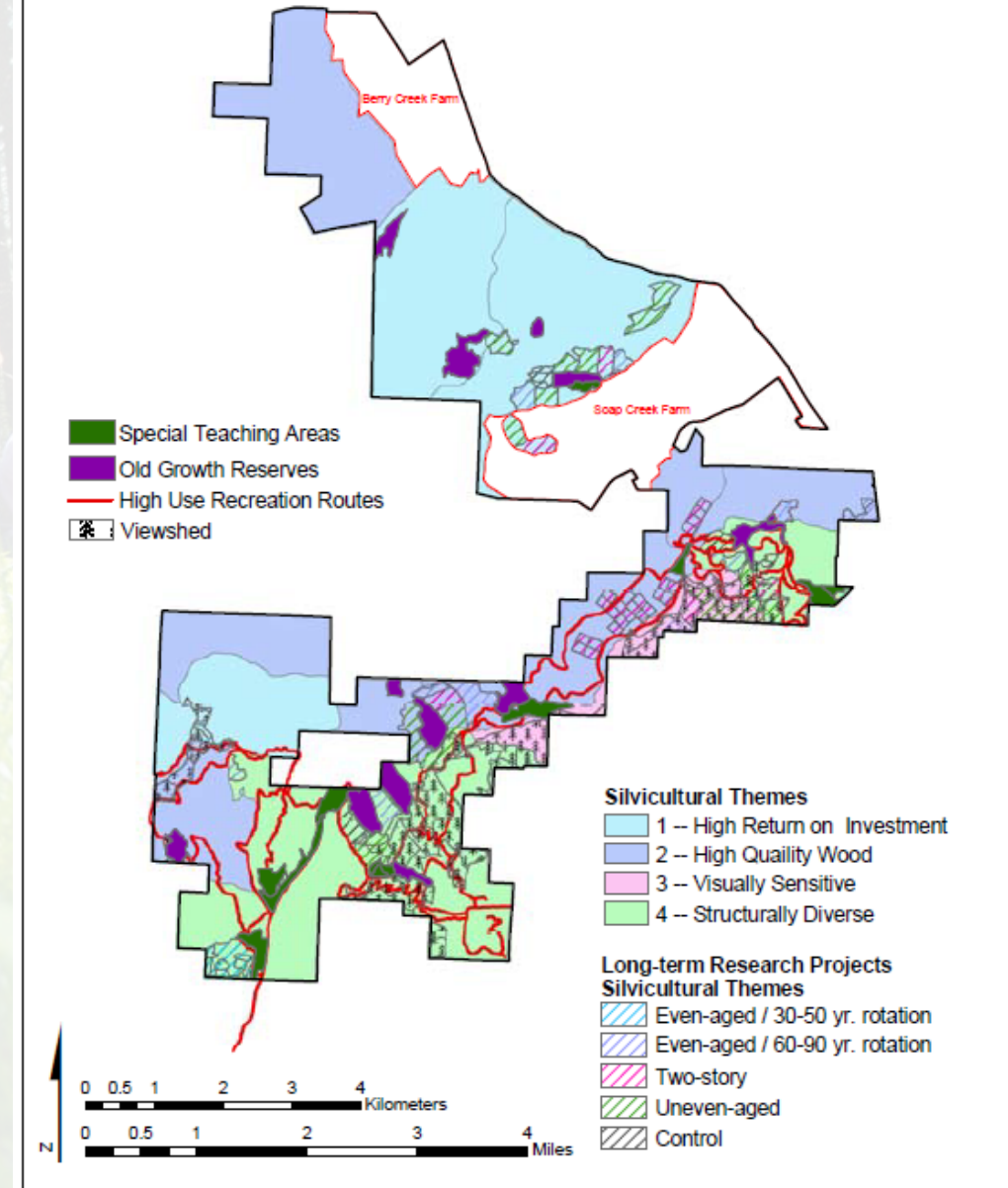


Figure 13. Land allocation

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Suggestions Received to Date – Themes & Zones

- Previously expressed thoughts on whether existing themes remain relevant
 - Each has some utility in providing a variety of opportunities for research, teaching, & outreach
 - Consider combining themes 3 and 4 (there's little Theme 3; both 3 & 4 are multi-age)
- Previously expressed thoughts on whether new themes should be added
 - A climate adaptation theme – could fit into existing themes rather than being a new one, or adjustment to a new or existing long-term research project; be sure to investigate the economics
 - Douglas-fir from different climatic zones
 - vary spacing of Douglas-fir
 - encourage multi-species stands that include Douglas-fir
 - plant species other than Douglas-fir
 - A restoration theme (e.g., Oak savannas; aquatic ecosystems – invasive treatment, weir; prairies & meadows; fire)
 - A WUI theme (e.g., fuel reduction, recreation demand, shaded fuel breaks, invasive species control, wildlife, maintaining connections/communications with neighbors)
 - A mature forest theme (to grow more old forests that could move into reserve status)
- Other considerations
 - Removal of zones (greater spatial randomization of treatments; less pseudo-replication; more flexibility)

* Input from FPC suggested during this meeting

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Suggestions Received to Date – Changes in Management

- What changes should we consider that could increase forest use for R/T/O?
 - Increase lead time on planned management activities, to aid in planning of R/T/O
 - Create competitive funding opportunities to support research, teaching, outreach on the forests; earmark some for undergraduates
 - Increase availability of environmental data (e.g., add instrumentation, create a database)
 - Create opportunities for citizen science
 - Build collaborative research teams across the university
 - Event to showcase existing research and foster opportunities for future collaborations
 - Make it clear what the expectations are for researchers/instructors wanting to initiate work in the forest; on the website?

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Suggestions Received to Date – Tracking Use

- How can we keep better track of use of the research forests?
 - OSU use: Require a question when checking out vehicles from Motorpool
 - External school use: Place QR code at primary entrances to solicit data upon entry
 - Expand communications with large school groups – special use permit
 - Monitoring use (trail cameras, car counts, consider new technology); carefully consider what information is of greatest use so as to not collect unneeded data; systematic/period surveys of recreational use
 - Put information on research into a spatial database (GIS layer); consider making this available for others to view; make it free but require names of anyone requesting the information

McDonald & Dunn Forest Planning

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McDonald & Dunn Forest Aspirations

- *How we ensure we are supporting social and cultural values of forests, enhancing the wellbeing of local communities, Tribal communities, and our broader citizenship.?*
 - Raise awareness of cultural resources while still protecting them
 - Education for k-12 groups on cultural resources
 - Research on the cultural resources
 - Create opportunities for those connected to specific cultural resources
 - Engage those with connections to specific resources to the surveying of those resources
 - Periodic assessment of management methods of cultural resources

