College Forest Updates: McDonald & Dunn Forest Management Planning Process

Spring 2022 – Early 2024

OSU College of Forestry
McDonald-Dunn Research Forest Faculty Planning Committee Meeting #20
301 Peavy Forest Science Center or Zoom (Join Zoom Meeting)
25 January 2024, 11:30am-1:00pm

Agenda

Meeting Purpose:
- Share information on recent and upcoming efforts and events
- Brainstorm about monitoring efforts needed for adaptive management

Start Time	Activity
11:30am	**Review where we've been and where we're going**
11:40pm	**Discuss monitoring indicators to be measured to allow adaptive management** ○ Assess current relevance of remaining metrics from 2005 Plan not yet evaluated ○ Look at our complete new list and suggest additional metrics needed
12:55pm	**Next steps**
1:00pm	**Adjourn**

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 2025. 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 winter 2024.

- Public input opportunities include two Community Listening Sessions, two Community Input Sessions, a webform through which written comments can be provided, and an email to which written questions can be sent. We usually respond within 21 days.
- 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.

Happening Now:

On Sept. 28, 2023, OSU and Starker Forests agreed to a land trade impacting the McDonald and Dunn Research Forests. Before this trade was complete, Starker Forests owned a Tetris block shaped tract in the middle of the McDonald Forest. After conversations spanning many years, OSU came to an agreement with Starker to incorporate this land into the McDonald Forest. In return for the Starker tract, OSU transferred the Spaulding Research Forest, as well as approximately 170 acres of the Dunn Forest to Starker ownership.

OSU is currently working through modeling for how best to incorporate and manage the now contiguous forest acreage. Part of this modeling includes determining which stands within the McDonald and Dunn Forests will be converted to managed reserves as part of the new Forest Management Plan.

Once the modeling is complete, OSU will be hosting a series of Community Input Sessions to provide public updates. More details and timing for these sessions will be communicated here as they become available.

Upcoming Meetings & Events:

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- Jan 25, 2024, Faculty Planning Committee Meeting (agenda), 11:30am-1:00pm
  Join Zoom Meeting
- Jan 30, Stakeholder Advisory Committee Meeting, 10:30am - 12:00pm - *This meeting was originally scheduled for January 17 but was postponed due to weather* (agenda)
  Zoom - https://pdx.zoom.us/j/88944136411
- Feb 22, Faculty Planning Committee Meeting, 11:30am-1:30pm
  Join Zoom Meeting
- March 21, Faculty Planning Committee Meeting, 11:30am-1:30pm
  Join Zoom Meeting

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)
- May 1, 2023, Faculty Planning Committee Meeting (agenda, presentation, video recording, meeting summary)
- June 12, 2023, Faculty Planning Committee Meeting (agenda, presentation, video recording, meeting summary)
- Oct. 17, 2023, Faculty Planning Committee meeting (agenda, presentation, video recording, meeting summary)
- Oct. 31, Faculty Planning Committee meeting (agenda, presentation, video recording, meeting summary)
- Nov. 14, Faculty Planning Committee meeting (agenda, presentation, video recording, meeting summary)
- Nov. 28, Faculty Planning Committee meeting (agenda, presentation, video recording, meeting summary)
- Dec. 12, 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 Forest 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-WInter 2024)

| 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 (Early 2024)

| Presentation of draft plan to the Dean & Forestry Executive Committee for review | Forest management plan refinement | Forest management plan approval by Dean |

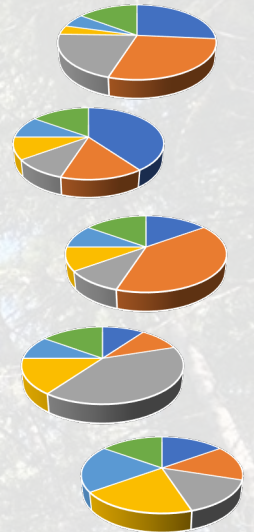# Tentative Timeline (subject to change)

- FPC meetings
  - Winter term: monthly (Jan 25, Feb 22, March 21)
- SAC meetings
  - January 30
  - Late February/early March?
- Community Input Sessions
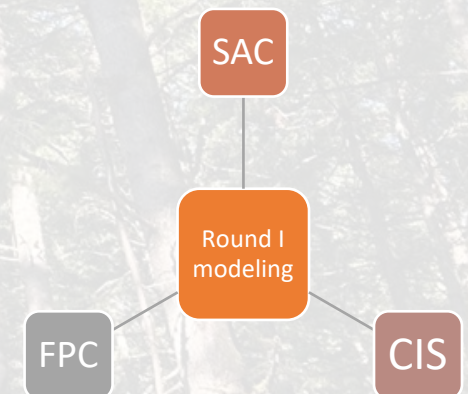 - Mid-March?
  - Mid-April?

Options for assessing metrics used to evaluate scenarios

- Relative comparison with baseline: color-coded % change [mock #s]

Forest Value	Scenario A (baseline)	Scenario B (lots of EASR)	Scenario C (lots of EALR)	Scenario D (lots of MAMS)	Scenario E (lots of MR & EOC)
Carbon storage	xx				
Forest products	xx				
Resilience - density	xx				
Revenue	xx				
Biodiversity	xx				
Rec suitability/scenic beauty	xx				
Resilience - composition	xx				
Wildfire resistance	xx				

Considerable increase (>50% increase or +++)
Modest increase (10-50% increase or ++)
Little change (10% increase – 10% decrease or +, -)
Modest decrease (10-50% decrease --)
Considerable decrease (>50% decrease or ---)

SAC

Round I modeling

FPC

CIS

Indicators of Performance and Sustainability

- 2005 Plan
  - defined 7 goals
  - set 1-4 objectives for each goal
  - proposed 1-8 indicators for each objective… n=57

- New plan
  - we need to set objectives and indicators that align with the new mission & goals
  - the intent is to define monitoring needs … to enable adaptive management

Missions & Goals

Oregon State University College of Forestry

College Research Forests
Vision, Mission, and Goals

Oregon State University and the College of Forestry are stewards of 10 separate tracts of land around the state. This document articulates the collective vision, mission, and goals for the College of Forestry's Research Forests. It reflects how we value our forests, and the benefits we wish to derive from them, now and in the future. Just as college and unit strategic plans are reflections of OSU's strategic priorities, individual forest management and tactical plans will strive to meet the goals in this document to ensure the Research Forests achieve their vision and mission.

Vision:
The OSU Research Forests aspire to be globally recognized as a model for an actively and sustainably managed forest system that supports the College's desire to advance forestry through scientific inquiry, education, and the application of new knowledge to inform best practices of forest management.

Mission:
- 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.

Goals:

Learning, Discovery, Engagement - Provide students, teachers, researchers and the general public diverse opportunities for learning, discovery, and engagement related to forest ecosystems and management for multiple resource values.

Stewardship - Demonstrate sound forest stewardship principles that address the challenge of balancing the need for productive forests, diverse plant and wildlife communities, healthy aquatic ecosystems, carbon storage potential, recreation opportunities, and other resource values.

Research - Provide long- and short-term opportunities for student and faculty research, citizen science, and the sharing of research findings.

Resilient Forests - Promote resilience to the effects of a changing climate, invasive species, insect pests, pathogens, wildfire, urban encroachment, and other disturbances.

Working Demonstration Forest - Demonstrate contemporary and innovative aspects of an active and sustainably managed forest, based on the best available science and technology.

Recreation - Provide safe, diverse, and inclusive recreation opportunities that build forest connections and contribute to community well-being.

Community Connections - Establish, maintain, and enhance relationships and communication with neighbors, the broader community, and all those connected with the Research Forests.

Financial Sustainability - Provide revenue that sustains Research Forest operations and supports the College of Forestry's education, research, and outreach mission now and in the future.

Accountability - Demonstrate a commitment to transparent governance of OSU's Research Forest properties focused on achieving the stated vision, mission, and goals.

Continuous Improvement - Demonstrate a commitment to continuous improvement in the management and stewardship of the Research Forests based on adaptive management principles.

Revisit 57 Metrics Proposed in 2005 Plan; categorized according to 3 Missions

Mission	Objectives	Indicators	Methodology to measure	How often to measure	Who will measure	Goal(s)
1						
2						
3						
Intertwined						

Monitoring metrics proposed in the 2005 Plan that will be pursued in the 2024 Plan.

1st Mission: Learning, Discovery, Engagement, Research [n=15 from 2005 Plan reduced to n=8 for 2024 Plan]

Obj 1 - Provide a diverse array of high-quality outdoor learning opportunities for students from CoF, OSU, and other institutions of higher

Obj 2 - Provide opportunities for research.

Obj 3 - Provide a diversity of high-quality outdoor learning opportunities for a variety of audiences including natural resource professionals, neighbors, youth, recreational users, civic groups, and others.

2nd Mission: Demonstrate conservation, economic sustainability, and resilience [n=13 from 2005 Plan reduced to n=8 for 2024 Plan]

Obj 4 - Demonstrate examples of different strategies and practices for managed forests in the region.

Obj 5 - Demonstrate carbon accounting

Obj 6 - Demonstrate stewardship by meeting or exceeding all laws, except where research requires deviation from laws and rules, and exemption is obtained from appropriate regulatory agencies.

Obj 7 - Demonstrate conservation by sustaining and restoring native species, their habitats, and ecosystem diversity.

3rd Mission: support social & cultural values of forests [n=19 from 2005 Plan reduced to n=14 for 2024 Plan]

Obj 8 - Provide nature-based recreation desired by local users that minimizes negative impacts while fitting in with the goals of the forest.

Obj 9 - Minimize conflicts between recreation users and others.

Obj 10 - Engage the community with the Research Forest recreation program.

Obj 11 - Proactively establish, maintain, and enhance good relationships with neighbors and others connected with the Research Forest.

Obj 12 - Sustain, and restore, if necessary, known examples of natural heritage resources.

Obj 13 - Protect cultural resources during forest management activities.

Obj 14 - Maintain relations between the College and the recognized indigenous Tribes of Oregon that are based on trust and mutual respect.

Crosscutting across Missions: Underpinnings of Sustainability and accountability [n=10 from 2005 Plan reduced to n=? for 2024 Plan]

Obj 15 - Manage and harvest forest growth sustainably through time in conformance with management strategies and goals.

Obj 16 - Manage the Research Forest efficiently.

Obj 17 - Develop and implement an adaptive management strategy that uses monitoring of indicators that represent each goal and objective, and adapts goals, strategies, and practices accordingly.