

A person wearing a red hard hat and a grey jacket is standing in a forest, looking down at a notebook. The forest is lush with green ferns and trees. The text is overlaid on the image.

College Forest Updates: McDonald & Dunn Forest Management Planning Process

Spring 2022 – Spring 2024

**OSU College of Forestry
McDonald-Dunn Research Forest Faculty Planning Committee Meeting
316 Peavy Forest Science Center or Zoom ([Join Zoom Meeting](#))
22 Feb 2024, 11:30am-1:30pm**

Agenda

Meeting Purpose:

- *Finalize monitoring metrics*
- *Discuss how we ensure accountability and transparency following plan implementation*

Start Time	Activity
11:30am	Review where we've been and where we're going
11:35am	Evaluate whether the set of monitoring metrics is complete
12:30pm	Discuss how monitoring will feed into adaptive management <ul style="list-style-type: none">• WHO, WHAT, WHEN, HOW
1:25pm	Next steps
1:30pm	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:

Upcoming Meetings & Events:

- Feb 22, Faculty Planning Committee Meeting, 11:30am-1:30pm ([agenda](#))
[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](#))
- Jan 25, 2024, Faculty Planning Committee Meeting ([agenda](#), [presentation](#), [video recording](#), [meeting summary](#))
- Jan 30, Stakeholder Advisory Committee Meeting ([agenda](#))

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 (Spring 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 (late January, late February, late March)
- SAC meetings
 - Late January
 - After results of Round I modeling (April?)
 - After results of Round II modeling (May?)
- Community Input Sessions
 - April?
 - May?



Draft Table of Contents of the New Plan

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- 1.2 Defining the Vision, Mission, and Goals for Research and Demonstration Forests (2021)
- 1.3 Developing the 2024 McDonald-Dunn Forest Plan (2022-2024)
- 1.4 Overview of Recent History of the McDonald-Dunn Forest (past 30 years)
 - 1.4.1 The 1993 Plan
 - 1.4.2 The 2005 plan
 - 1.4.3 Suspension and Resumption of the 2005 Plan

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 - 2.3.1 Ownership and Land Use Prior to 1920
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- 4.3 Adaptive Management and Continuous Improvement

• Literature Cited

• Glossary

• Appendices

Overarching Principles

McDonald-Dunn Res Overarching Princip

Each principle described below was developed based on the input received during the development of the Forest Management Plan Stakeholder Advisory Committee between June and January 2023. For more information on the management of the McDonald-Dunn Reservoir, visit the [McDonald-Dunn Reservoir of Forestry Research Forest](#).

FOUNDATIONAL PRINCIPLES

- **Operate as an academic research center.** The forest will integrate a variety of uses and values, and provide outreach while promoting the science of forestry, Oregon State University, and the College of Forestry, Oregon State University.
- **Serve as a demonstration forest for students and researchers.** The forest will provide opportunities on a variety of scales for research with sustainably managed forests and a variety of use values.
- **Be adaptive and resilient.** The forest management plan will be updated to allow for adjustments in response to disturbances as well as changes in science.

CREATE LEARNING OPPORTUNITIES

- **Provide opportunities for research.** The forest will be managed so as to provide a variety of opportunities for research and play in the production of forest products genetic to the ecosystem.
- **Utilize creative approaches.** The forest will seek to incorporate emerging technologies and provide opportunities for research and education.
- **Foster public awareness.** Interpretation of natural resources will seek to promote biodiversity, produce and support

ILLUSTRATE ECONOMIC OPPORTUNITIES

- **Be financially self-sufficient.** The forest will be managed to support ongoing forest management activities and forest products. Additional funding will be sought to support research and education.
- **Account for staffing and infrastructure.** The forest will account for associated infrastructure when estimating long-term costs.
- **Be nimble.** The forest will be managed to withstand unanticipated fluctuations, and maintain a variety of uses and values.
- **Ensure environmental quality.** Forest management activities must not cause significant adverse effects consistent with the National Forest Management Act.

EXHIBIT ENVIRONMENTAL VALUES

- **Protect and enhance ecological values.** The forest will be managed to protect and enhance ecological values according to new knowledge and science.
- **Restore and maintain ecological values.** The forest will be managed to restore and maintain ecological values through restoration and maintenance management. This will include the protection of habitat/ecosystems for
- **Ensure forest structure.** The forest will be managed to ensure forest structure, foster variability, and maintain successional forest, a variety of habitat/ecosystems for

- **Demonstrate educational efforts.** The forest will integrate a variety of uses and values, and provide outreach while promoting the science of forestry, Oregon State University, and the College of Forestry, Oregon State University.
- **Expand communication.** The forest will provide opportunities on a variety of scales for research with sustainably managed forests and a variety of use values.

opportunities. Ecological patterns and processes, as well as research opportunities, will be considered when planning the spatial arrangement of stand conditions. Target conditions for late-seral forest stands will reflect historic (pre-settlement) structure and composition.

- **Actively manage threats to ecological integrity.** Threats such as climate change and invasive species will be actively managed. Expenses associated with management of these threats will be incorporated into budget planning.

NURTURE SOCIAL SUSTAINABILITY & CULTURAL VALUES

- **Ensure public access to the forests.** The forest will remain accessible to the public for a variety of uses from multiple established entry points, but not all places at all times (e.g., safety restrictions, or research or management activities).
- **Foster community connections.** The College of Forestry will seek to nurture social sustainability by creating jobs, forest products, and opportunities for engagement with the forest-user community through such avenues as community science, research, and monitoring efforts.
- **Enhance connections with cultural resources.** Efforts will be made to communicate and engage with individuals who have connections to cultural resources in order to provide opportunities for involvement in the survey, research, and management of these resources.

FOSTER RECREATION OPPORTUNITIES

- **Promote research guided recreation use that minimizes impacts to ecosystems, management, and research.** Public use of the forest will be supported and managed for recreation opportunities consistent with the management plans (forest management plan and visitor use plan). The aim will be to ensure public safety without compromising ongoing management activities and research.
- **Support high quality and diverse recreational experiences.** The forest will seek to provide a range of user experiences within the context of an actively managed forest. Research-guided recreational planning will be inclusive of and balance different types of recreational users; it will seek to enhance experience integrity throughout the forest and minimize potential conflict between users.
- **Conduct research and outreach on sustainable recreational use.** The forest will support research on recreation with the goal of advancing scientific knowledge and informing policies and solutions to recreation management challenges.

Overarching Principles - Monitoring

McDonald-Dunn Research Forests

Overarching Principles Guiding New Forest Management Plan

Each principle described below reflects the Vision/Mission/Goals identified for the Research Forests plus input received during the development of the McDonald-Dunn Forest management plan from the Stakeholder Advisory Committee (SAC), Faculty planning Committee (FPC), or the [general public](#) between June and January 2023. Each principle is written so as to provide overarching suggestions for the management of the McDonald-Dunn Research Forest in the context of the [three missions of the College of Forestry Research Forests](#).

FOUNDATIONAL PREMISES

- **Be adaptive and accountable.** Feasible monitoring expectations will be built into the management plan to enable adaptive management. The plan will incorporate enough flexibility to allow for adjustments over time in response to unforeseen opportunities, constraints, and disturbances as well as new information produced on the College Forests and elsewhere.

CREATE LEARNING OPPORTUNITIES

- **Utilize creative approaches to monitor trends over time.** Inventory and monitoring efforts will seek to incorporate opportunities to pair traditional inventory and monitoring approaches with emerging technology to ensure accuracy and cost-efficiency, while also creating opportunities for research and education.

ILLUSTRATE ECONOMIC SUSTAINABILITY

EXHIBIT ENVIRONMENTAL SUSTAINABILITY

NURTURE SOCIAL SUSTAINABILITY & CULTURAL VALUES

FOSTER RECREATION OPPORTUNITIES

Indicators of Performance and Sustainability

- 2005 Plan

- defined 7 goals
- set 1-4 objectives for each goal... n=20 objectives
- proposed 1-8 indicators for each objective... n=57 metrics



- New plan

- we need to set objectives and indicators that align with the new mission & goals
- we now have 4-8 objectives for each of the 3 missions... n=17 objectives
- we now have 1-4 indicators for each objective... n=39 metrics

Vision, 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.

Monitoring objectives, indicators, and measurements for the 2024 McDonald-Dunn Forest Plan.

1st Mission: Education, research, & outreach					
Obj 1 - Provide a diverse array of high-quality outdoor learning opportunities for students from CoF, OSU, and other institutions of higher education.					
Indicators	Measurement	Retain?	How often to report?	Who is responsible?	Current Goal(s)
A. Amount of use of Research Forest <u>by college students for research and by college classes for teaching.</u>	Usage trends compiled each year	Yes	Annually	Research Forest Director	1,3
B. Type and number of requests for Research Forest Staff to provide <u>tours of forest operations for college classes.</u>	Research Forest Staff requests for class tours summarized annually	Yes	Annually	Research Forest Director	1
Obj 2 - Provide opportunities to conduct innovative research on emerging issues.					
A. Number of researchers' requests for establishment of <u>new research and demonstration projects.</u>	Annual report on progress	Yes	Annually	Research Forest Director	1, 3
B. <u>Number of new publications and number of citations</u> of publications describing research done on Research Forests in academic and trade publications.	Number of pubs and citations compiled each year; archived in Research Database	Yes	Annually	Research Forest Director	1, 3
C. Proportion of active research sites on Research Forests that are not disturbed or vandalized.	Research disturbance report and summary of protection measures compiled annually	Yes	Annually	Research Forest Director	1,3
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.					
A. Number of requests for public tours, including K-12 school groups.	Annual report	Yes	Annually	Recreation Manager	1, 7
B. Number of Research Forest operations, research and demonstration plots featured in <u>outreach events and tours</u> conducted by OSU and others.	Annual report of operations includes list of tours and events	Yes	Annually	Instructors	1, 3, 7
C. Knowledge gained by Research Forest visitors from informational kiosks.	Survey of visitors	Yes	Every 5 years	Recreation Manager + Professor with Student	1, 7
Obj 4 - Provide strategic and effective communication about the Research Forests.					
A. Amount of website, social media, newsletter engagement	Digital and social media analytics	New	Annually	Recreation Manager	1, 7
B. Uptake of hard copy materials	Number of copies printed	New	Annually	Recreation Manager	1, 7

2nd Mission: Demonstrate conservation, economic sustainability, and resilience

Obj 5 - Demonstrate examples of different strategies and practices for managed forests in the region

Indicators	Measurement	Retain?	How often to report?	Who is responsible?	Current Goal(s)
A. Representative examples of management and restoration practices implemented for each of the 5 management strategies.	Annual report of operations summarizes # of acres in each management strategy and each EOC, along with a comparison or acreage with acreage goals.	Yes	Annually	Research Forest Manager & Director	2, 5, 9
B. Relation of actual harvest to decadal harvest scheduling targets met for each management strategy.	Annual report on harvest type acres and volume by management strategy relative to the plan.	Yes	Annually	Forest Manager	2, 5, 9

Obj 6 - Demonstrate carbon accounting.

A. Estimates of above ground carbon stores for each of the 5 management strategies.	Five-year report estimates above ground carbon for each management strategy and each EOC.	Yes	Every 5 years	Inventory Manager	2, 5
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Obj 7 - 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.

A. Success in operational practices meeting or exceeding OR FPA regulations including where research projects dictate testing an alternative approach.	Annual report of operations documenting # of acres where OR FPA has been met, exceeded, or deviated from to facilitate teaching, research, or demonstration.	Yes	Annually	Research Forest Manager & Director	2, 5
B. Research Forest participation statewide conservation initiatives (e.g., the Oregon Plan for Salmon and Watersheds).	Annual report that summarizes the initiatives participated in.	Revisit	Annually	Research Forest Manager & Director	2, 5

Obj 8 - Demonstrate conservation by sustaining and restoring native species, their habitats, and ecosystem diversity.

A. Protection of species of conservation concern.	Periodic report of known locations of these species and occupancy estimates.	Revisit	TBD once species are known	TBD once species are known	2, 5
B. Distribution of tree species, size, and structural forest characteristics.	Report on inventory measurements at a level sufficient to maintain stand-level descriptions.	Yes	3-5 years	Inventory Manager	2, 5
C. Distribution and quantity of legacy structures/character trees and standing dead wood in clearcut stands pre-harvest.	Annual report of leave tree data by harvest unit and inventory of snags every 10 years.	Yes	Variable (annually and every 10 years)	Inventory Manager & Timber Program Manager	2, 5
D. Invasive species mitigation activities.	Annual report of # of acres treated for each targeted species.	Yes	Annually	Reforestation Manager	2, 5

Obj 9 - Demonstrate long-term resistance and resilience to climate change and associated perturbations.

A. Use multiple knowledge systems to track forest resistance and resilience to changing climate.	Metrics from modeling effort in concert with Indigenous Knowledge	NEW	Every 5 years	Research Forest Director	2, 4, 5
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Obj 10 - Ensure financial sustainability.

A. Examine all revenues relative to all costs.	Annual report	NEW	Annually	Business Manager	2, 5, 8, 9
B. Reserve account status.	Annual report	NEW	Annually	Business Manager	2, 5, 8, 9
C. Economic development.	??????	Revisit	??????	??????	2, 5, 8, 9
D. Diversify revenue sources and in-kind support.	Annual report	Yes	Annually	All Research Forest Staff	2, 5, 8, 9

3rd Mission: support social & cultural values of forests

Obj 11 - Provide nature-based recreation desired by local users that minimizes negative impacts while fitting in with the goals of the forest.

Indicators	Measurement	Retain?	How often to report?	Who is responsible?	Current Goal(s)
A. Estimated number of recreation visits per year by major category of use.	Conduct a survey every five years.	Yes	Every 5 years	Recreation Manager & grad student	6, 7
B. Satisfaction of visitors with recreation opportunities.	Conduct a survey every five years.	Yes	Every 5 years	Recreation Manager & grad student	6, 7
C. Authorized and unauthorized trails.	Report # of miles of each trail type every 5 years.	Yes	Every 5 years	Recreation Manager or Field Coordinator	6, 7

Obj 12 - Minimize conflicts between recreation users and others.

A. Number, type, and location of conflicts.	Report annually from the database.	Yes	Annually	Recreation Manager	6,7
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Obj 13 - Engage the community with the Research Forest recreation program.

A. Numbers and types of actions taken to engage recreation users in strategies to improve performance on recreational goals.	Report annually.	Revisit	Annually	Recreation Manager	6, 7
B. Volunteer efforts on the Research Forests.	Annual report of # of volunteer hours and value of time invested.	Yes	Annually	Volunteer Coordinator	6, 7

Obj 14 - Proactively establish, maintain, and enhance good relationships with neighbors and others connected with the Research Forest.

A. Communication with neighbors and the community.	Annually report # of subscribers to the newsletter, website traffic, and social media engagement.	Yes	Annually	Recreation Manager	6, 7
B. Understanding by neighbors of College Forest's management policies.	Survey every five years.	Yes	Every 5 years	Recreation Manager & grad student	7

Obj 15 - Sustain, and restore, if necessary, known examples of natural heritage resources.

A. Natural heritage sites registered by the Oregon Natural Heritage Program that are identified and maintained.	Report from the database.	Revisit	?	?	2, 6, 7
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Obj 16 - Protect Indigenous and non-indigenous cultural resources during forest management activities.

A. Continue to identify and protect cultural resources prior to ground-disturbing activities.	Annual report on surveys and protection measures for cultural resources before disturbance.	Yes	Annually	Forest Manager	5, 7
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Obj 17 - Maintain relations between the College and the recognized indigenous Tribes of Oregon that are based on trust and mutual respect.

A. Co-stewardship with the federally recognized Kalapuyan Nations in early stages of revisions to Research Forest management plans on the formulation of goals and objectives for ecocultural resources.	Status update	Yes	Annually	Director with Tribes	2, 7
B. Development of Memoranda of Understanding (MOU) with appropriate federally recognized Kalapuyan Nations that cover partnership activities between the Tribes and College in protecting and enhancing Tribal ecocultural sites on Research Forests.	Status update	Yes	Annually	Director with Tribes	2, 7
C. Co-implementation of the Memorandum of Understanding with the federally recognized Kalapuyan Nations and modification as necessary.	Status update	Yes	Annually	Director with Tribes	2, 7
D. Discussion of annual operations plans, and ideas to improve ecocultural resource stewardship with the Research Forest staff and the appropriate Tribal staff.	Annual meeting between the College and appropriate Tribes	Yes	Annually	Director with Tribes	2, 7

Monitoring Metrics – Timing of Measurements

- # of metrics measured annually = 26
- # of metrics measured every 3-5 years = 1
- # of metrics measured every 5 years = 7
- # of metrics measured every 10 years = 1
- # of metrics with unknown timing = 3

How exactly will Adaptive Management occur?

- **HOW** - How will monitoring data be used to determine if change of course is needed?
- **WHO** - What group will assist in making the above decision?
- **WHEN** - How often will this group meet?
- **WHAT** - Do we have all the metrics needed to enable assessment?

Decision making processes – WHO [\[material from 2005 Plan\]](#)

- “Overall responsibility for management of McDonald-Dunn Forest lies with the OSU College of **Forestry Executive Committee (FEC)**. Ultimate approval of the management of McDonald-Dunn Forest, including plans for that management, resides with the **dean of the College of Forestry**. As the designated managers, the **OSU College Forest staff** implement this management plan to meet the various goals and objectives listed. The **College Forest director** reports to the dean and FEC in carrying out the plan and is responsible for day-to-day decisions and operations.
- The dean and FEC may appoint committees, such as the **current Forest Advisory Committee**, **Forest Recreation Advisory Council**, and **Interdisciplinary Planning Team**, on an ongoing or ad hoc basis to assist in the analysis of management issues, offer technical advice, and/or collect input from stakeholders.
- Alterations of theme and special area designations can be recommended by College Forest staff in consultation with the McDonald-Dunn Forest Advisory Committee, or other committees appointed by the dean or FEC for this purpose. Decision-making responsibility for theme and area designations lies with the FEC and dean of the College of Forestry.”

Forestry Executive Committee Members

- **Thomas H. DeLuca, Cheryl Ramberg-Ford and Allyn C. Ford Dean (Chair)**
- John Bailey, Professor, FERM; Faculty Senate Representative
- Kevin Bladon, Department Head, FES
- Ashley D'Antonio, Assistant Professor, FES; Faculty Senate Representative
- Cristina Eisenberg, Associate Dean of Inclusive Excellence and Director of Tribal Relations
- Jennifer Elston, Administrative Assistant to the Dean & Associate Deans
- Jessica Fitzmorris, Director for Alumni Engagement & Events
- Troy Hall, Professor, FES; Faculty Senate Representative
- Eric Hansen, Department Head, WSE
- Zak Hansen, Director of Development, OSU Foundation
- Lisa Hargest, Research Support Faculty Committee Chair
- Jeff Hatten, Department Head, FERM
- Katy Kavanagh, Associate Dean for Research
- Kevin Lee, Director of Marketing & Communications
- Iain Macdonald, Director of the TallWood Design Institute
- Holly Ober, Associate Dean for Science Outreach and Program Leader FNR Extension
- Mariapaola Riggio, Associate Professor of Wood Design and Architecture, WSE, Faculty Representative
- Amy Riley, Director of Student Success
- Jim Rivers, Assistant Professor, FERM; Faculty Senate Representative
- Steve Strauss, Distinguished Professor of Forest Biotechnology, FES Faculty Representative
- Terralyn Vandetta, Director of Forestry Computing Resources
- Adrienne Wonhof, Director of Administration & Operations
- Vacant, Director of the College Research Forests
- Faculty Representative: Vacant, FERM
- Graduate Council Representative

Adaptive management processes – WHEN, WHO, WHAT

[material from 2005 Plan]

- “We expect the Forest Plan to change over time in response to monitoring and changes in internal and external forces. The continuous improvement goal and desire to implement adaptive management will ensure this occurs. Periodic review of operational performance is an essential part of any plan implementation. It is anticipated that performance under this plan will be summarized annually by the Forest Director and staff for the FEC, FAC, and other stakeholders, using indicators appropriate to the goals and objectives in the forest plan. The report will include performance during the evaluation period, problems encountered, exceptions to the guidelines, and a plan for the upcoming year that identifies adaptive management actions.
- This summary may take multiple forms, such as a meeting, tour and/or website posting.
- Performance under the Forest Plan will be assessed by an independent review team of the FEC’s choosing once every five years, using indicators appropriate to the goals and objectives in the forest plan.”