

College of Forest Resources Strategic Vision

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Objectives of Presentation

- ◆ Brief overview of College transformation
- ◆ Present future directions for green certification at the Center for Sustainable Forestry – Pack Forest

Mission Statement

The College of Forest Resources is dedicated to generating and disseminating knowledge for the stewardship of natural and managed environments and the sustainable use of their products and services through teaching, research, and professional and public outreach.

Vision Statement

The College of Forest Resources will be a world-class internationally recognized source of knowledge relevant to environmental and natural resource issues.

World Class Vision Implies

- ◆ Excellence (faculty, staff, students, facilities, programs, graduates)
- ◆ High impact (at UW and in engagement with our external community)
- ◆ Sufficient resources (facilities, space, funds)
- ◆ Criteria developed to measure success

Programmatic Niche

Study and investigate key principles and processes that explain the behavior and interaction of biotic and social systems along gradients from highly to minimally impacted terrestrial ecosystems — gives us a unique interdisciplinary base from which to play a leadership role in developing the science of sustainability – both on and off campus.

Strategic Themes

- ◆ Land and ecosystem management in an urbanizing world
 - *conflicts and tradeoffs among competing human and natural resource values in the growing and urbanizing global population*
- ◆ Sustainable forest enterprises
 - *land and water resource production, use, and management, with attention to the material and social impacts of sustainable practices*

Sustainability Is Our Integrating Goal

- ◆ Sustainable forestry in managed and natural forests
 - Plantations, parks, reserves, watersheds
- ◆ Sustainable urban environments
 - Urban forestry, horticulture, public gardens, restoration ecology, water, wildlife
- ◆ Sustainable forest enterprises
 - Paper mills, precision forestry technologies, tourism, recycling, wood products, non-timber products

Our Academic Programs

- ◆ Encompass the functionality and sustainability of complex natural resource and environmental systems featuring
 - Interdisciplinarity
 - Integration
 - Collaboration (on and off campus)
 - Team approach
 - Multiple scales
 - Gradient from urban to rural systems

Our Research Programs

- ◆ Emphasize coupled human and bio-physical systems
- ◆ Support development of a new science of sustainability to integrate ecological and economic approaches in a socially acceptable manner
- ◆ Develop technology; discover new scientific knowledge; and transfer knowledge to the user community

Research Areas

- ◆ Ecosystem Structure and Function
 - Productivity, health, processes, management
- ◆ Social and Human Systems
 - Valuation, system integration, natural/human interactions
- ◆ Technology
 - Remote sensing, bio-energy, sustainable products, information technology, bio-technology

Future Directions

- ◆ New faculty hires
 - Opportunity to transform the College
 - Identify new science/technology so we can ‘leap frog’ into new areas with these hires
 - Nine new positions (filling open positions and anticipating retirements)
 - All positions must promote and contribute to our vision of sustainability

Future Directions

- ◆ Refine future research agenda
 - Current initiatives in bio-energy and products, forest stand development, etc.
 - Identify collaborators on and off campus
 - Identity funding needs and sources

Future Directions

- ◆ Identify future facility needs
 - Link laboratory upgrades with new faculty hires
 - Adequate interactive teaching facilities
 - NW Environmental Forum
 - Pack Forest upgrades with CSF
 - New natural resources sciences building

Future Directions

- ◆ Assess and revise (as needed) undergraduate and graduate curricula
 - Develop recruitment strategy
 - Diversify student population
 - Develop mentoring program to ensure student success

CSF - PF

- ◆ To better align our Pack Forest operations with the new vision for the College
- ◆ To establish a new direction for Pack Forest by seeking partnerships with a broader array of clients
- ◆ Grow the research and demonstration enterprise

CSF - PF

- ◆ Mission of CSF is to advance the concept and practice of sustainability
- ◆ To provide internationally recognized leadership in sustainability through research, outreach, and demonstration

CSF –PF and Certification

- ◆ June 2003 – announce intention to green certify Pack Forest
- ◆ October 2003 – PF staff submit report outlining the pros/cons of certification
- ◆ December 2003 – CSF – PF established
- ◆ Autumn 2004 – SFI audit conducted
- ◆ November 2004 – SFI certification granted

CSF –PF and Certification

- ◆ December 2004 – search initiated for Director, CSF-PF
- ◆ October 2005 – FSC auditors workshop
- ◆ December 2005 – Forest staff initiates further study of FSC impacts on Pack Forest
- ◆ April 2006 – SFI Surveillance Audit

Why Certify?

- ◆ Demonstrate our commitment to sustainability
- ◆ Helps the CSF identify critical research questions (new services, publications)
- ◆ Provides a grand opportunity to demonstrate sustainable forestry and may lead to increased collaborative opportunities with many NGOs



The End