



Directory of Research Programs & Employees

February 2006



Pacific Northwest Research Station

USDA FOREST SERVICE PACIFIC NORTHWEST RESEARCH STATION

Station Mission

Our mission is to generate and communicate scientific knowledge that helps people understand and make informed choices about people, natural resources, and the environment.

Stations Director's Office

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The PNW Research Station is one of eight research units in the USDA Forest Service. The research units collectively conduct the most extensive and productive program of integrated forestry research in the world. The PNW Research Station was established in 1925. The Station has its headquarters in Portland, Oregon, and 10 research locations in Alaska, Oregon, and Washington.

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RESEARCH PROGRAMS

Program Manager: Douglas F. Ryan

Mission: To increase understanding of the effects of natural processes and human activities on interactions between aquatic and terrestrial ecosystems, with emphasis on understanding the effects of land management on watershed processes and associated biota in the Pacific Northwest with a focus on salmonoids and amphibians. An important element of the program mission is to discover general relations and processes that are not limited to a specific geographic locality. Applications of the research will be most direct within the region where the work was done, but much of the knowledge will be broadly applicable and transferable to other geographic regions and ecosystems.

CORVALLIS AQUATIC AND LAND INTERACTIONS TEAM

Gordon H. Reeves, Team Leader, (541) 750-7314; email: greeves;
Researchers: Deanna H. Olson, Kelly M. Burnett

- Understand the effects of land management activities and natural disturbances on aquatic ecosystems at the reach, the watershed, and the landscape scales
- Develop monitoring plans and protocols for fish habitat and populations, and amphibians
- Determine the distribution and ecology of selected aquatic amphibians
- Develop models to evaluate the effect of proposed land management activities and policies on aquatic ecosystems at various spatial scales

JUNEAU AQUATIC AND LAND INTERACTIONS TEAM

Richard T. Edwards, Team Leader, (907) 586-8811, ext. 269; email: rtedwards; Researcher: Mason D. Bryant

- Quantify processes affecting productivity of stream habitats
- Quantify the flux of carbon and nutrients from wetland soils to streams and their ecological consequences
- Determine the ecological role of surface-groundwater exchange zones in streams
- Understand physical and chemical processes in high-gradient headwater streams and their effect on productivity of stream systems

OLYMPIA AQUATIC AND LAND INTERACTIONS TEAM

Peter A. Bisson, Team Leader,
(360) 753-7671; email: pbisson;
Researcher: Steven M. Wondzell

- Riparian ecosystem management in western Washington
- Model salmonid productivity in the Columbia River basin
- Assess the effects of large flood events on aquatic productivity
- Scientific evaluation of the Northwest Power Planning Council's and Bonneville Power Administration's fisheries programs
- Long-term recovery of Mount St. Helens ecosystem
- Development of monitoring and restoration strategies for fish
- Biophysical processes responsible for maintaining productive aquatic ecosystems and clean water

WENATCHEE AQUATIC AND LAND INTERACTIONS TEAM

Richard D. Woodsmith, Team Leader,
(509) 664-1735; email: rwoodsmith;
Researcher: Karl M. Polivka

- Hydrologic and geomorphic processes that create, maintain, or modify aquatic and riparian habitats and habitat quality
- Effect of fire on water quantity and quality following wildfire in interior Columbia River basin
- Life histories of resident and anadromous fish in the Wenatchee

River basin—the role of resource subsidies versus thermal refugia

- Sustainable carrying capacity of threatened, endangered, and sensitive salmonids in the interior Columbia River basin
- Integrated status and effectiveness monitoring: developing monitoring protocols for assessing productivity and watershed condition in the headwater subcatchments of the Wenatchee River basin

COMMUNICATIONS AND APPLICATIONS PROGRAM

CAP

Program Manager: Cynthia L. Miner, Portland, Oregon, (503)808-2135;
email: clminer

Mission: Create awareness and promote use of scientific innovations generated by the PNW Research Station through scientifically credible communications and applications.

KNOWLEDGE DEVELOPMENT AND APPLICATIONS

(Portland)

Cynthia L. Miner, Team Leader,
(503)808-2135; email: clminer

Public Affairs Officer: Sherri
Richardson-Dodge, (503)808-2137;
email: srichardsondodge

Technology Transfer Specialist:
Becky Bittner, (503)808-2599;
email: bbittner

Web Manager: Tiffany Dong,
(503)808-2140; email: tdong

Writer: Val Rapp, (503)808-2132;
email: vrapp

PUBLISHING TEAM

(Portland)

Frank Vanni, Team Leader
(503)808-2147; email: fvanni

Editors: Lynn Starr Sullivan
(503)808-2214; email: lstarr;
Carolyn A. Wilson, (503)808-2139;
email: cawilson;

Publication Requests: Helen Sagner;
(503)808-2106; email: hsagner

ECOSYSTEM PROCESSES

Program Manager: John A. Laurence, Corvallis, Oregon, (541) 750-7357;
email: jalaurence

Mission: To improve knowledge about ecosystem processes at multiple scales for the forests of the Pacific Northwest, the Nation, and the globe and to develop approaches for applying this knowledge to protect, use, and enhance forest resources for present and future generations.

SUSTAINABLE ECOSYSTEM PRODUCTIVITY (*Corvallis*)

Bernard T. Bormann, Team Leader,
(541) 750-7323; email: bbormann;
Researchers: Ching-Yan Li (Emeritus),
Jane Smith

- Study microbial and belowground processes that underpin productivity
- Conduct retrospective disturbance ecology studies
- Conduct regional long-term productivity experiments
- Develop adaptive management theory
- Demonstrate and improve adaptive management practices in pilot research and application projects

FOREST MYCOLOGY (*Corvallis*)

Randolph J. Molina, Team Leader,
(located in Portland) (503) 808-3137;
email: rmolina; Researcher:
Michael Castellano

- Understand the biological and functional diversity of fungi in forest ecosystems and integrate this knowledge into sustainable ecosystem management practices
- Develop conservation strategies for rare and endangered forest

fungi by measuring and modeling habitat requirements across the regional landscape as defined in the Northwest Forest Plan

- Understand the productivity of commercially valuable, edible special forest product fungi in managed forests and develop harvest guidelines and monitoring protocols to sustain their long-term productivity

FOREST LANDSCAPES AND ECOSYSTEMS (*Corvallis*)

Thomas A. Spies, Team Leader,
(541) 750-7354; email: tspies;
Researchers: Warren Cohen, Gordon Grant, Sherri Johnson, Rebecca Kennedy, Robert Kennedy, Janet Ohmann, Ken Pierce, Scott Powell, Frederick Swanson

- Understand the effects of land use, natural disturbances, and climate change on forest and stream ecosystems
- Conduct integrated ecological and socioeconomic analyses to understand consequences of alternative management regimes
- Understand natural and managed stream ecosystems
- Understand long-term forest dynamics at multiple scales

- Manage and coordinate activities at the H.J. Andrews, Cascade Head, and Wind River Experimental Forests and 100 research natural areas
- Develop and evaluate remote sensing tools, geographic information systems, and ecological simulation models for landscape and regional assessments

CANOPY PROCESSES IN TEMPERATE MESIC FORESTS (*Corvallis*)

Frederick C. Meinzer, Team Leader, (541) 758-7798; email: fmeinzer; Researcher: Jeff Warren

- Develop basic knowledge of canopy processes in temperate mesic forests and relate those processes to stand, landscape, and regional phenomena regulating water and carbon budgets
- Coordinate, develop, and promote cooperative research at the Wind River canopy crane and nearby research sites
- Develop universal organizing principles governing canopy processes in all types of forests

BOREAL ECOLOGY COOPERATIVE RESEARCH UNIT (*Fairbanks*)

Thomas A. Hanley, Team Leader, (907) 586-8811, ext. 250; email: thanley; Researcher: Teresa Hollingsworth, Tricia Wurtz

- Understand interactions between climate, disturbance, and ecosystems in central and northern Alaska

- Develop conceptual and real models of multiple spatial and temporal scales of pattern in Alaska vegetation
- Lead cooperative research at the Bonanza Creek Long-Term Ecological Research site

ALASKA WILDLIFE HABITAT TEAM (*Juneau*)

Thomas A. Hanley, Team Leader, (907) 586-8811 ext. 250; email: thanley; Researcher: Winston Smith

- Habitat modeling for black-tailed deer and moose in Alaska
- Ecology of understory vegetation in forests and its implications for wildlife habitat in southeast and south-central Alaska
- Role of moose in dynamics of flood-plain forests
- Ecology of endemic small mammals of southeast Alaska
- Evaluation of Tongass land management plan implementation, monitoring, and effectiveness for wildlife

ECOLOGICAL FOUNDATIONS OF BIODIVERSITY (*Olympia*)

Vacant, Team Leader; Researcher: Todd Wilson

- Synthesis of retrospective studies on wildlife, fungal, and plant communities of old-growth, naturally young, and managed forests to determine the process of forest development as it relates to composition, structure, and function of healthy Douglas-fir/western hemlock forest ecosystems

- Develop the conservation of biodiversity concept into a useful strategy for forest ecosystem and forested landscape management
- Simulation modeling of biodiversity pathways and alternatives to determine optimal approaches to joint production of ecological and economic goods and services under the principle of general sustainability
- Experimental testing of hypotheses, alternative biodiversity pathways, and indices of ecosystem health
- Develop innovative multimedia approaches to effectively and efficiently communicate research and syntheses of research to forest managers, landowners, and other stakeholders
- Investigate the role of aquatic and riparian environments as wildlife habitat, and study the effects of forest management on associated wildlife species
- Develop methods to assess viability of threatened wildlife populations
- Develop protocols for surveying and monitoring sensitive and threatened wildlife populations

ECOLOGY, MANAGEMENT, AND CONSERVATION OF SENSITIVE WILDLIFE SPECIES (*Olympia*)

Martin G. Raphael, Team Leader, (360) 753-7662; email mraphael;
 Researchers: Keith Aubry; Eric Forsman, located in Corvallis, OR; Bruce Marcot, located in Portland, OR

- Investigate wildlife habitat relations, patterns of disturbance and abundance, and determinants of population persistence in relation to past, current, and future ecosystem management practices
- Investigate the role of wildlife species in the maintenance of biodiversity and the structure and function of managed and unmanaged forest ecosystems

FOCUSED SCIENCE DELIVERY

Program Manager: R. James (Jamie) Barbour, Portland, Oregon, (503)808-2542; email: jbarbour01

Mission: To develop and communicate science products that synthesize and integrate existing research knowledge across disciplinary areas and spatial or temporal scales, to proactively inform policy and decisionmaking processes.

REDUCING FIRE RISK TO PEOPLE AND RESOURCES ISSUE (*Portland*)

Miles Hemstrom (Portland), (503)808-2006; Issue Lead, email: mhemstrom; Researchers: Jamie Barbour and Xiaoping Zhou, located in Portland, OR; Jeff Kline, located in Corvallis, OR; Steve M. Wondzell, located in Olympia, WA

- Develop methods and models to simulate the long-term economic and ecological consequences of current forest management, and the interactions among forest and rangeland succession, management activities, and disturbance on watershed and larger scales (e.g., >50 000 hectares) to better understand how natural disturbance regimes can be managed while simultaneously achieving social goals like community stability
- Develop a scientific process to measure the balance between the costs, benefits, and risks of forest management activities that mitigate wildfire occurrence and spread; analyze the amounts and types of forest products that are generated from forest management that targets mitigation of large disturbances
- Develop methods to identify problematic watersheds that require high levels of forestry investments to

maintain sustainable conditions over the long term

- Combine forest inventory and analysis data, GIS information on road networks, harvesting costs, and estimates of reduction in fire hazard to evaluate proposed locations for biomass cogeneration plants
- Develop techniques to prioritize economic assistance activities
- Provide scientific and technical advice and leadership for transferring landscape assessment methods to State and Federal partners
- Integrate landscape mapping and assessment methods with corporate standards (e.g., LANDFIRE)

SCIENCE DELIVERY TEAM (*Portland*)

Jamie Barbour, Team Leader, (503)808-2542; email: jbarbour01; Staff: Gary Benson, Heather Erickson, David Seecholtz, Rachel White, and Xiaoping Zhou

- Synthesize existing scientific knowledge and provide conceptual frameworks, tools, methods, and information for multiscale assessments to inform policy and decisionmaking processes within the Pacific Northwest

- Facilitate planning support and technology transfer activities to federal land managers for integrated research findings in the Pacific Northwest
- Provide the mechanisms for sharing and communicating synthesis products to policy and decisionmakers in the Pacific Northwest
- Provide an opportunity for presenting and discussing the latest science findings regarding priority topics within the Pacific Northwest to a variety of audiences
- Proactively share significant science findings and provide for interaction with regional and local managers on key topics relating to decisionmaking
- Develop new methods to communicate science findings in innovative ways to facilitate their application

SUSTAINABLE WOOD PRODUCTION ISSUE *(Portland)*

Robert Deal, Issue Lead, (503)808-2191; email: rdeal

- Identify and understand major issues relating to wood production in the Pacific Northwest in the broad context of sustainable forestry
- Identify barriers to sustainable forestry and assess the impacts of incentives and environmental regulations on sustainable forest management
- Develop a regional assessment of resource trends and market conditions including the long-term

economic viability of forestry in the region

- Assess market opportunities for small woodland owners in the Pacific Northwest and identify niche market and other opportunities for small landowners
- Identify emerging technologies for wood products and synthesize new and existing information on wood technology
- Develop a comprehensive communication strategy for reporting findings to a broad client base of land managers, researchers, and the general public

BIODIVERSITY ISSUE *(Portland)*

Randy Molina, Issue Lead, (503)808-3137; email: rmolina

- Provide innovative solutions to the complex problem of managing for biodiversity
- Create opportunities for mutual learning and for building partnership around the issue of biodiversity management
- Develop frameworks and protocols to facilitate communication of existing biodiversity research and management experience to practitioners
- Deliver relevant and useful products to meet the needs of clients and users

FOREST INVENTORY AND ANALYSIS

Program Manager: Susan A. Willits, Portland, Oregon, (503) 808-2066;
email: swillits

Mission: To improve the understanding and management of Pacific coast forest and range ecosystems by developing and applying inventory and monitoring technology to maintain comprehensive inventories and assessments of the status, trends, and prospective futures of the region's ecosystems, their use, and their health.

ALASKA INVENTORY

(Anchorage)

Ray Koleser, Team Leader,
(907) 743-9416; email: rkoleser

- Data collection of forest and rangeland resources for Alaska
- Remote sensing applications and integration with field-collected data
- Development and application of quality control

ALASKA RESOURCE ANALYSIS

(Anchorage)

Willem W.S. van Hees, Team Leader,
(907) 743-9412; email: bvanhees;
Researchers: Bert Mead, Beth Schulz

- Comprehensive forest and rangeland resource analyses and assessments
- Analysis of trends and changes in the status, extent, condition, and uses of forest ecosystems
- Development of techniques and methods for statistical inventories

DATA COLLECTION

(Portland)

Bob Rhoads, Team Leader,
(503) 808-2022; email: brhoads

- Data collection of forest and rangeland resources for Oregon,

Washington, California, and the Pacific Islands

- Remote sensing applications and integration with field-collected data
- Development and application of quality control

COMPILATION AND

APPLICATION TEAM *(Portland)*

George Breazeale, (503) 808-2012;
email: gbreazeale

- Develop and manage standards, quality control, and inventory documentation
- Application and integration of GIS and inventory data
- Response to clients and customer requests

ENVIRONMENTAL ANALYSIS AND RESEARCH *(Portland)*

Jeremy Fried, Team Leader, (503) 808-2058; email: jsfried; Researchers: Dave Azuma, Tara Barrett; Demetrios Gatzliolis, Andrew Gray (located in Corvallis), Vicente Monleon

- Assess Pacific coast forest and range health in terms of invasive species, pests, and pathogens
- Evaluation effects of land use change on wildlife habitat,

carbon sequestration, fire risk in the urban-wildland interface, economic productivity, and public expectations

- Assess landscape-scale patterns of forest composition and structure and their implications for habitat conditions and susceptibility to and response to disturbance
- Develop techniques and methods to improve accuracy of statistical inventories

INVENTORY REPORTING

(Portland)

Sally Campbell, Team Leader,
(503)808-2034; email: scampbell;
Researchers: Karen Waddell, Olaf Kuegler, Joseph Donnegan, Glenn Christensen

- Analysis of trends and changes in the status, extent, condition, and uses of forest ecosystems
- Develop techniques and methods for statistical inventories
- Comprehensive forest and rangeland resource analysis and assessments

HUMAN AND NATURAL RESOURCES INTERACTIONS

Program Manager: Richard W. Haynes, Portland, Oregon, (503) 808-2002; email: rhaynes

Mission: To improve our understanding of the social and economic values as input to and evaluation of resource management decisions.

LAND USE AND LAND COVER DYNAMICS (Corvallis)

Ralph J. Alig, Team Leader,
(541) 750-7267; email: ralig;
Researchers: Jeff Kline, Eric White

- Determinants of changes in major land uses, interactions across sectors, impacts on open space and other amenities, and long-range projections
- Private landowner behavior, incentives, and policy analyses
- Forest cover changes, forest investments, and global change analyses
- Investigating forest-land benefits in a socioeconomic context for improving policy and management

ALASKA COMMUNITIES AND FOREST ENVIRONMENTS TEAM (Juneau)

Linda E. Kruger, Team Leader,
(907) 586-8811 ext. 240; email: lkruger
Researcher: Trista Patterson

- Understand the relations between natural resource conditions and policies, and community conditions and policies
- Understand and assess recreation, tourism services, and other environmental values of forests
- Understand how recreation, tourism, and subsistence interact with each

other and how they affect and are affected by community and cultural change

- Assess the role of traditional ecological knowledge in contemporary approaches to forest management
- Understand the role of forest management in economic and social change in Alaska

ECOLOGICALLY SUSTAINABLE PRODUCTION OF FOREST RESOURCES (Portland)

Robert Monserud, Team Leader,
(503) 808-2059; email: rmonserud;
Researchers: Eini Lowell, Susan Hummel,
Ellen Donoghue, Dennis Dykstra

- Evaluate the influence of stand treatments on the quality and quantity of forest products
- Determine the feasibility of financing ecosystem restoration activities through removal of forest products
- Characterize the forest resources at different geographic scales
- Provide information and technology to aid resource managers in understanding impacts of forest management on an array of forest products
- Improve understanding of changing timber characteristics, processing technology, product standards, or

measurement systems on product recovery of western tree species

JOINT PRODUCTION IN LAND MANAGEMENT (Portland)

Vacant, Team Leader; Researcher:
Geoffrey Donovan

- Financial evaluations and development of analytical tools for assessing hazardous fuel reduction treatments, wildfire management strategies, ecosystem management activities, silvicultural practices, use of small-diameter trees, and joint production of timber and nontimber forest products
- Analyze changes in institutional arrangements to improve wildfire management

AGGREGATE TIMBERLAND ASSESSMENT SYSTEM (Portland)

John R. Mills, Team Leader,
(503)808-2076; email: jmills,
Researcher: Xiaoping Zhou

- Long-term projections of timber resources at regional and national scales
- Analyze supply and demand trends and influences
- Evaluate alternative futures for forest resource conditions

FOREST SECTOR-MARKET ANALYSIS (Portland)

Richard W. Haynes, Team Leader,
(503)808-2002; email: rhaynes,
Researcher: Jean Daniels

- Develop databases, methods, and frameworks for strategic planning at multiple geographic scales

- Report price and other market variables for western regions
- Assess links among international trade and international economic and environmental issues
- Address policy issues surrounding sustainable forest management at large scales

PROTOCOLS FOR SOCIOECONOMIC MONITORING (Portland)

Susan Charnley, Team Leader,
(503)808-2051; email: scharnley

- Develop protocols for socioeconomic monitoring
- Develop frameworks to increase our understanding of the human dimensions of forest management

RURAL URBAN WILDLAND INTERACTIONS (Seattle)

Linda E. Kruger, Team Leader,
(907)856-8811 ext. 240; email:
lkruger; Researcher: Lee Cerveny

- Study approaches to integrate public concerns, uses, and values into resource management policies, programs, and practices across space and through time
- Understand institutional requirements and processes for effective, responsive, and efficient resource management and research
- Develop an integrated framework to study and manage human interactions with wildland ecosystems
- Evaluate knowledge-based decision-support systems that integrate knowledge-based reasoning with GIS technology to provide decision

support for ecosystem assessment at any geographic scale

- Develop methods to involve people in meaningful decisions about natural resources
- Evaluate societal concerns for forest sustainability in long-term, regionwide study installations
- Distinguish the roles of government and the private sector in promoting and assuring the contribution of timber-based manufacturing to both sustainable communities and forest management
- Develop partnerships to facilitate these activities

ALASKA WOOD UTILIZATION CENTER (*Sitka*)

Allen Brackley, Team Leader,
(907) 747-4308; email: abrackley;
Researcher: David Nicholls, Thomas Rojas

- Assess the conditions needed to create and sustain a viable forest products industry in Alaska
- Describe “value-added” activities that provide a durable mix of employment, profits, and marketable products
- Identify the type and scale of harvesting operations and manufacturing facilities that are consistent with conditions in southeast Alaska

MANAGING DISTURBANCE REGIMES

Program Manager: Edward J. DePuit, Wenatchee, Washington, (509) 664-1715; email: ejdeput

Mission: To provide new insights and scientific knowledge about the role of disturbance regimes in ecosystems and the degree to which they can be effectively managed to restore and maintain ecosystem integrity and productivity.

BEHAVIORAL CHEMISTRY AND ECOLOGY OF INSECTS AND DISEASE

(Anchorage, Corvallis, Juneau)

Rick G. Kelsey, Team Leader,
(541) 750-7368; email: rkelsey;
Researchers: Paul, Hennon (Located
in Juneau), J. Lundquist (Located in
Anchorage), Chris Niwa, Walt Thies,
Rob Progar (located in Corvallis)

- Develop pheromones and phytochemicals to detect and mitigate insects and disease, including at the landscape scale
- Develop silvicultural approaches to regulate effects of diseases and insects on forest structure and composition
- Determine how to monitor effects of disturbance on abundance, function, and diversity of arthropods
- Determine the ecological roles of root diseases and develop strategies to encourage their desired effects in ecosystem management
- Determine roles of heart rot, dwarf mistletoe, and other organisms as disturbance agents in old-growth forests of southeast Alaska
- Determine the epidemiology of yellow-cedar decline in southeast Alaska and evaluate the salvage value of killed trees

- Develop integrative management approaches for insects and related disturbances in Alaska's forests

MAPPED ATMOSPHERE- PLANT-SOIL SYSTEMS *(Corvallis)*

Ronald P. Neilson, Team Leader,
(541) 750-7303; email: rneilson;
Researchers: Jim Lenihan, Ray Drapek

- Predict vegetation distribution, growth, and disturbance dynamics at global to landscape scales under current and future climatic conditions
- Forecast near-term fire risks at a high spatial resolution over the United States for upcoming seasons for the National Fire Plan
- Simulate ecosystem disturbances (such as fire, wind, and pests) under current and future climate and management scenarios, and predict associated ecosystem impacts
- Simulate upland ecosystem dynamics integrated with hydrologic processes for analysis of upland and stream habitats under alternative management practices and global warming
- Couple vegetation distribution and nutrient cycling simulations for estimation of trace gas fluxes and other biophysical feedbacks between land cover processes and global warming

- Conduct assessments for the Intergovernmental Panel on Climate Change and the U.S. Global Change Research Program
- Build predictive capability for sustainability of forest and water resources, including wildlife habitat, species diversity, and economic considerations

DISTURBANCE ECOLOGY AND MANAGEMENT (*Corvallis*)

Marty Vavra, Team Leader, (541)962-6561; email: mvavra; Researchers: Evelyn Bull, Catherine Parks, Torolf Torgersen (Emertius) Andy Youngblood, Jane L. Hayes, John Kie, Mike Wisdom

- Develop alternative fuel-reduction strategies and evaluate the effects of fire in maintaining low-elevation east-side forests
- Characterize the interactions between amphibian communities and disturbance agents in east-side forests
- Characterize the relation between disturbance events and wildlife associated with late-successional/old-growth forests
- Develop practices for regeneration of boreal forests in Alaska
- Examine the relations among disturbance agents, particularly insects and fire, develop and assess integrated management strategies
- Characterize the impact of nonnative invasive plant species on community structure and function in relation to other disturbances
- Investigate the spatial and temporal variations in ungulate herbivory

effects on ecosystem dynamics and disturbance regimes

- Describe how ungulate herbivory interacts with other disturbance factors such as insect outbreaks, disease, and fire
- Examine the effects of forest management (fuels reduction, prescribed fire) on the distribution of mule deer, elk, and cattle
- Determine the effects of human activities of off-road vehicle, horse, and walking traffic on elk, deer, and other wildlife species
- Investigate the spatial distribution and dietary overlap of elk, mule deer, and cattle, and formulate animal-unit equivalents that can be used to allocate forage in the intermountain West
- Investigate spatial distribution and dietary preference and overlap of elk, mule deer, and cattle, and develop models that can be used to predict herbivory influences on plant succession. Incorporate those models into the Interior Northwest Landscape Analysis System (INLAS), thereby providing tools to resource managers

FIRE AND ENVIRONMENTAL RESEARCH APPLICATIONS (*Seattle*)

David L. Peterson, Team Leader, (206)732-7812; email: peterson, Researchers: Don McKenzie, Roger Ottmar, David V. Sandberg (Emeritis), Clint Wright

- Provide decision support for fuel and fire hazard management

- Provide decision support for managing smoke from fires
- Understand the effects of climate on fire and other ecosystem disturbances
- Understand and provide decision support on the effects of hazardous fuel treatments on forest ecosystems

ATMOSPHERE AND FIRE INTERACTIONS RESEARCH AND ENGINEERING (AIR FIRE)
(*Seattle*)

Brian Potter, Team Leader;
Researchers: Narasimhan (Sim) Larkin and Miriam Rorig

- Improve understanding of the role of weather and climate in ecological disturbance, including fire
- Develop decision tools for ecosystem management, fire operations, planning, and smoke management, based on mesoscale meteorology, air quality engineering, and climate dynamics

EAST-SIDE FOREST HEALTH RESTORATION
(*Wentachee*)

Paul Hessburg, Team Leader,
(509)664-1722; email: phessburg;
Researchers: John Lehmkuhl,
David W. Peterson

- Develop and assess knowledge on historical and current disturbance regimes, climate regimes, vegetation, and wildlife dynamics of interior Northwest forests and rangelands at multiple spatial and temporal scales
- Develop knowledge and management strategies to restore

- and improve composition, function, and values of interior Northwest ecosystems following disturbances or ecological deterioration
- Develop integrated landscape decision-analysis systems and risk-assessment protocols
- Determine effects of fire, other disturbances, and land management activities on invasive plant species and sensitive native plant species and their habitats (including late-successional forests)
- Develop aquatic ecosystem classifications and simulation models addressing large-scale disturbance processes and their effects in forest watersheds

RESOURCE MANAGEMENT AND PRODUCTIVITY

Program Manager: Charles E. Peterson, Jr., Portland, Oregon, (503) 808-2026; email: cepeterson

Mission: To increase understanding of the biology and productivity of forest ecosystems and develop management tools and operational systems that enhance production of wood products and other resource values.

SILVICULTURE AND ECOLOGY OF SOUTHEAST ALASKA (*Juneau*)

Michael H. McClellan, Team Leader, (907) 586-8811 ext. 246; email: mmcclellan; Researcher: Dave D'Amore

- Develop and evaluate alternative silvicultural systems to protect and enhance the productivity of upland and riparian forest ecosystems
- Understand the role of natural and human-caused disturbances in controlling the structure, dynamics, and productivity of temperate rain forests and forested wetlands
- Improve understanding of the interactions of soil physiochemical properties and vegetation of temperate rain forests

SILVICULTURE AND FOREST MODELS (*Olympia*)

Stephen E. Reutebuch, Team Leader, (206) 543-4710; email: sreutebuch, located in Seattle, WA; Researchers: Connie Harrington, Tim Harrington, David Marshall

- Study the biology and culture of conifer and hardwood species
- Evaluate the growth and development of tree species in response to a variety of silvicultural practices that include

site preparation, planting density, fertilization, precommercial thinning, pruning, commercial thinning, and a variety of regeneration harvest strategies

- Determine quantitative relations of tree growth, stand structure, and silvicultural practices to ecosystem productivity, including quality and quantity of wood and abundance and diversity of other biota in forest stands and landscapes
- Investigate the effects of forest operations and management activities on long-term site productivity including nutrient cycling, changes in soil conditions, and vegetation responses
- Investigate public understanding and acceptance of silvicultural practices

SILVICULTURE AND FOREST MODELS (*Seattle*)

Stephen E. Reutebuch, Team Leader, (206) 543-4710; email: sreutebuch; Researcher: Robert McGaughey

- Develop stand- and landscape-level forest management design and visualization systems that allow better assessment and communication of forest management alternatives

- Develop more efficient methods to collect site-specific data required for stand- and landscape-level planning of forest management alternatives
- Develop and adapt advanced technologies that allow better design, implementation, and monitoring of forest operations and their impacts
- Study the genetic issues associated with the management of natural stands, planted stands, and restoration efforts—including interdisciplinary genetics, silvicultural, and disease resistance studies
- Evaluate biological and management-related barriers that hinder efficient implementation of gene resource management programs

BIOLOGY AND CULTURE OF FOREST PLANTS (*Corvallis*)

Paul Anderson, Team Leader,
(541) 758-7786; email: pdanderson;
Researcher: Nan C. Vance

- Analyze response of understory and riparian vegetation to silvicultural management systems
- Develop knowledge of plant ecology and biology with application to conservation and sustainable management of valuable and vulnerable plant resources
- Increase understanding of dynamics of native and invasive nonnative plant species and how they are affected by fire and other perturbations to aid in developing restoration and remediation techniques

FOREST GENETICS (*Corvallis*)

Brad St. Clair, Team Leader,
(541) 750-7294; email: bstclair;
Researchers: Richard Cronn,
Randy Johnson

- Study the organization and variation of molecular and adaptive genetic diversity found in natural forests populations



STATION EMPLOYEE PHONE DIRECTORY

STATION DIRECTOR'S OFFICE

PACIFIC NORTHWEST HUMAN RESOURCES SERVICE CENTER

ALASKA WOOD UTILIZATION RESEARCH & DEVELOPMENT CENTER

ANCHORAGE FORESTRY LABORATORY

BOREAL ECOLOGY COOPERATIVE RESEARCH UNIT

CORVALLIS FORESTRY SCIENCES LABORATORY

JUNEAU FORESTRY SCIENCES LABORATORY

LA GRANDE FORESTRY AND RANGE SCIENCES LABORATORY

OLYMPIA FORESTRY SCIENCES LABORATORY

PACIFIC WILDLAND FIRE SCIENCES LABORATORY

PORTLAND FORESTRY SCIENCES LABORATORY

WENATCHEE FORESTRY SCIENCES LABORATORY

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PNW-4865—HUMAN AND NATURAL RESOURCES INTERACTIONS

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D'Amore, David	Soil Scientist	Ext. 255
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Long, Lisa	Administrative Clerk STEP	Ext. 266
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Wright, Brenda	Fishery Biologist	Ext. 244

PNW-4362—ECOSYSTEM PROCESSES

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PNW-4577—MANAGING DISTURBANCE REGIMES

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PNW-4163—RESOURCE MANAGEMENT AND PRODUCTIVITY

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PNW-4865—HUMAN AND NATURAL RESOURCES INTERACTIONS

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ADMINISTRATION

Amidu, Abeni	Office Automation Clerk	503-808-2029
Bateman, Soorya	Office Automation Assistant	503-808-2009
Holt, Cheryl	Purchasing Agent	503-808-2011
Kangas, Doreen	Office Automation Assistant	503-808-2021
Melvin, Carol	Office Automation Assistant	503-808-3135
Verhunc, Tammy	Administrative Officer	503-808-2032

PNW-4163—RESOURCE MANAGEMENT AND PRODUCTIVITY

Peterson, Charles	Program Manager	503-808-2026
Poage, Nathan	Research Forester	503-808-2074
Reid, Jewel	Program Assistant	503-808-2069

PNW-4166—FOCUSED SCIENCE DELIVERY

Barbour, Jamie	Program Manager	503-808-2542
Benson, Gary	Ecologist	503-808-2191
Deal, Bob	Research Forester	503-808-2191
Erickson, Heather	Research Ecologist	503-808-2015
Hemstrom, Miles	Research Ecologist	503-808-2006
Molina, Randy	Research Botanist, Team Leader	503-808-3137
Reid, Mark	Program Assistant	503-808-3228
Seecholtz, David	Research Analyst	541-383-5300
White, Rachel	Science Writer-Editor	503-808-2082
White, Seth	Science Writer-Editor	503-808-2082
Winslow, Pi	Office Automation Assistant	503-808-3227

PNW-4362—ECOSYSTEM PROCESSES

Marcot, Bruce	Research Wildlife Biologist	503-808-2010
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PNW-4865—HUMAN AND NATURAL RESOURCES INTERACTIONS

Charnley, Susan	Research Social Scientist, Team Leader, Sociocultural Dimensions of Resource Management	503-808-2051
Daniels, Jean	Research Forester, SCEP (located in Portland)	503-808-2004
Donoghue, Ellen	Research Forester	503-808-2018
Donovan, Geoffrey	Research Forester	503-808-2043
Dykstra, Dennis	Research Forest Products Technologist	503-808-3132
Hamilton, Margaret	Program Assistant	503-808-2025
Haynes, Richard	Program Manager Human and Natural Resources Interactions and Team Leader, Forest Sector and Market Analysis	503-808-2002
Hill, Geanne	Office Clerk (TDD)	503-808-2061
Hummel, Susan Stevens	Research Forester	503-808-2084
Lowell, Eini	Research Forest Products Technologist	503-808-2072
Mazza, Rhonda	Science Writer-Editor	503-808-2085
Mikowski, Judy	Forestry Technician	503-808-2003
Mills, John	Research Forester, Team Leader, Aggregate Timberland Assessment System	503-808-2076
Monserud, Robert	Research Forester, Team Leader, Ecologically Sustainable Production of Forest Resources	503-808-2059
Noordijk, Peter	Social Science Technician	503-808-2065
Warren, Debra	Economist	503-808-2001
Zhou, Xiaoping	Research Forester	503-808-2017

PNW-4969—FOREST INVENTORY AND ANALYSIS

Amato, Nicole	Crew Leader	503-808-3198
Andersen, Julie	Crew Leader	503-808-3154
Anderson, Brett	Crew Leader	503-808-2008
Azuma, David	Research Forester	503-808-2047
Barrett, Tara	Research Forester	503-808-2041
Breazeale, George	Information Management Specialist, Team Leader, Data Compilation	503-808-2012

Burgess, Whitney	Crew Leader	503-808-3162
Butler, Sarah	Ecologist, Pacific Island Coordinator	503-808-2083
Campbell, Kurt	Information Technology Specialist	503-808-2077
Campbell, Sally	Team Leader, Inventory Reporting and Mapping (IRAM)	503-808-2034
Chase, John	GIS/Remote Sensing Specialist	503-808-2089
Christensen, Glenn	Forester	503-808-2064
Clark, Anna	Program Specialist	503-808-2068
Colclasure, Perry	Data Manager	503-808-2054
Coles, Daniel	Crew Leader	503-808-3169
Cothran, Nancy	Resource Information Specialist	503-808-2071
Cromwell, Shirley	Program Assistant	503-808-2049
Daum, Brian	Crew Leader	503-808-2027
Deans, Jessica	Crew Leader	503-808-3168
Digranes, Joseph	Crew Leader	503-808-3157
Donnegan, Joe	Ecologist	503-808-2053
Dunham, Paul	Forester	503-808-2024
Farr, Summer	Crew Leader	503-808-3189
Feinberg, Joshua	Crew Leader	503-808-3152
Fried, Jeremy	Research Forester, Team Leader, Research and Analysis	503-808-2058
Gatziolis, Demetrios		503-808-2038
Glose, Tom	Forestry Technician	503-808-3136
Gray, Andy	Ecologist (Located in Corvallis)	541-750-7252
Grabowiecki, Walter	Crew Leader	503-808-2023
Guarnaccia, Paul	Forester, California State Coordinator	503-808-2098
Halperin, Jamie	Crew Leader	503-808-3182
Hanson, Erica	Forestry Technician	503-808-2086
Hawkins, Jacob	Crew Leader	503-808-3178
Hiserote, Bruce	Information Technology Specialist	503-808-2056
Hoff, Andrew	Crew Leader	503-808-3159
Iaccarino, Jennifer	Crew Leader	503-808-3196
Jones, Khakie	Visual Information Spec. Trainee	503-808-2031
Kuegler, Olaf	Biometrician	503-808-2028
Lambert, Heather	Crew Leader	503-808-2035

LaPine, Marc	Forester, OR/WA Coordinator	503-808-3126
Lewis, Brian	Crew Leader	503-808-3214
Monleon, Vicente	Mathematical Statistician (SCEP)	503-808-2094
Morefield, Joseph	Crew Leader	503-808-3164
Nimura, Alison	Information Technology Trainee	503-808-2096
Patterson, Melissa	Crew Leader (CRAG)	503-808-2087
Peterson, Andrew	Crew Leader	503-808-3183
Pijoan, Jessica	Crew Leader	503-808-3131
Poindexter, Robert	Crew Leader	503-808-2014
Potts, Larry	Information Technology Specialist	503-808-2079
Rash, Scott	Crew Leader	503-808-2081
Rhoads, Robert	Team Leader, Data Collection	503-808-2022
Riggs, Erin	Crew Leader	503-808-3202
Solano, Samuel	Forestry Technician	503-808-2050
Stevens, Bruce	Crew Leader	503-808-3188
Terzibashian, Jane	Crew Leader	503-808-3180
Thompson, Joel	Crew Leader	503-808-3175
Trimble, Steven	Crew Leader	503-808-2030
Veneklase, Charles	Information Technology Specialist	503-808-2045
Voight, Martha	Crew Leader	503-808-3158
Waddell, Karen	Forester	503-808-2046
Wanek, Ron	Information Technology Specialist	503-808-2048
Weyermann, Dale	GIS/Remote Sensing Coordinator	503-808-2042
Williams, Jonathan	Crew Leader	503-808-3151

STATISTICS UNIT

Max, Timothy	Station Statistician	503-808-2060
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EMPLOYEES OF PACIFIC SOUTHWEST RESEARCH STATION LOCATED AT THE PFSL

Wiitala, Marc	Operations Research Analyst	503-808-2013
Wilson, Andy	Resource Information Specialist	503-808-3139

WENATCHEE FORESTRY SCIENCES LABORATORY

1133 N Western Ave. • Wenatchee, WA 98801
Phone: 509-664-1700 • Fax: 509-665-8362

DEPUIT, Ed	Lab Line Officer Program Manager, Managing Disturbance Regimes	509-664-1715
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ADMINISTRATION

Aguigui, Edward	Maintenance	509-664-1714
Black, Lynn	Administrative Support Assistant (STEP)	509-664-1710
Rode, Danna	Administrative Officer (Located in La Grande)	509-664-1743
Vacant	Supervisory Administrative Support Assistant	509-664-1712
West, Marshall	Administrative Support Clerk	509-664-1716

PNW-4577—MANAGING DISTURBANCE REGIMES

Haggard, Mary-Ellen	Wildlife Biologist	509-664-1740
Hessburg, Paul	Research Ecologist, Team Leader, East-Side Forest Health and Restoration	509-664-1722
James, Kevin	Botanist	509-664-1738
Lehmkuhl, John	Research Wildlife Biologist	509-664-1737
Park, Roxanne	Program Assistant	509-664-1711
Peterson, David W.	Research Forester	509-664-1727
Salter, Brion	Geographer/GIS Specialist	509-664-1728
Shanafelt, Bonita	Biological Science Technician	509-664-1731
Singleton, Peter	Geographer (CRAG)	509-664-1732

PNW-4261—AQUATIC AND LAND INTERACTIONS

Polivka, Karl	Research Fish Biologist	509-664-1736
Woodsmith, Richard	Research Geomorphologist, Team Leader, Wenatchee Aquatic and Land Interactions	509-664-1735
Kill, Josh	Biological Science Technician (Fish)	509-664-1742

EXPERIMENTAL FORESTS OF THE PNW RESEARCH STATION

BONANZA CREEK EXPERIMENTAL FOREST

Fairbanks, AK

Contact: Wurtz, Tricia 907-474-5994

CARIBOU-POKER CREEKS RESEARCH WATERSHED

Fairbanks, AK

Contact: Wurtz, Tricia 907-474-5994

CASCADE HEAD EXPERIMENTAL FOREST

Route 2, Box 2

Otis, OR 97368

Contact: Greene, Sarah 541-750-7360

ENTIAT EXPERIMENTAL FOREST

Wenatchee, WA

Contact: Woodsmith, Richard 509-664-1735

H.J. ANDREWS EXPERIMENTAL FOREST

Blue River, OR 97413

Contact: West, Bonnie 541-822-6303

MAYBESO EXPERIMENTAL FOREST

Southeast AK

Contact: Bryant, Mason 907-586-8811 x228

PRINGLE FALLS EXPERIMENTAL FOREST

Bend, OR

Contact: Youngblood, Andy 541-962-6530

SOUTH UMPQUA EXPERIMENTAL FOREST

Southern OR

Contact: Swanson, Fred 541-750-7771

STARKEY EXPERIMENTAL FOREST AND RANGE

La Grande, OR

Contact: Dick, Brian 541-962-6539

WIND RIVER EXPERIMENTAL FOREST

Stevenson, WA

Contact: Greene, Sarah 541-750-7360

YOUNG'S BAY EXPERIMENTAL FOREST

Southeast AK

Contact: Bryant, Mason 907-586-8811 x228



ALPHABETICAL INDEX

NAME	LOCATION	PAGE	TELEPHONE
- A -			
Aguigui, Edward	WFSL	45	509-664-1714
Alagar, Cliff	CFSL	29	541-750-7288
Alig, Ralph	CFSL	12, 31	541-750-7267
Allen, William	PWFSL	39	206-732-7831
Alvarado, Ernesto	PWFSL	39	206-732-7842
Amato, Nicole	PFSL	42	503-808-3198
Amidu, Abeni	PFSL	41	503-808-2029
Andersen, Julie	PFSL	42	503-808-3154
Anderson, Brett	PFSL	42	503-808-2008
Anderson, Harry	OFSL	37	360-753-7684
Anderson, Paul	CFSL	19, 28	541-758-7786
Anrig, Laura	SDO	22	503-808-2117
Archuleta, Frank	PWFSL	39	206-732-7886
Arvie, Patrice	PWFSL	39	206-732-7820
Aubry, Keith	OFSL	7, 38	360-753-7685
Azuma, David	PFSL	10, 42	503-808-2047

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Baldumen, Lisa	CFSL	31	541-750-7395
Banner, Val	CFSL	28	541-750-7369
Barbour, Jamie	PFSL	8, 41	503-808-2542
Barnard, Jeffrey	JFSL	33	907-586-8811 x253
Barrett, Tara	PFSL	10, 42	503-808-2041
Barricklow, Diane	CFSL	28	541-750-7316
Barrus, Robert	CFSL	28	541-750-7254
Bateman, Soorya	PFSL	41	503-808-2009
Bednarczyk, Gerald	AFSL	26	907-743-9404
Benson, Gary	PFSL	8, 41	503-808-2191
Bergener, Emily	PNW-HR	24	360-891-5233
Bergener, Mary Jane	OFSL	38	360-753-7660
Berkowitz, Jacob	JFSL	33	907-586-8811 x278
Beyer, Hawthorne	OFSL	38	360-753-7694
Bigler Cole, Heidi	LFSL	35	541-962-6553
Biles, Frances	JFSL	33	907-586-8811 x247

NAME	LOCATION	PAGE	TELEPHONE
Bills, Doris	SDO	23	503-808-2125
Birrenkott, Hazel	PWFSL	39	206-732-7810
Bisson, Peter	OFSL	3, 38	360-753-7671
Biswell, Brian	OFSL	38	360-753-7695
Bittner, Becky	SDO	4, 23	503-808-2599
Black, Lynn	WFSL	45	509-664-1710
Bloxtton, Thomas	OFSL	38	360-753-7672
Bormann, Bernard	CFSL	5, 29	541-750-7323
Borum, Cheryl	LFSL	35	541-962-6566
Boyce, Sandy	JFSL	33	907-586-8811 x233
Brackley, Allen	Sitka	14, 25	907-747-4308
Breazeale, George	PFSL	10, 42	503-808-2012
Britt, John	CFSL	28	541-750-7253
Brodie, Leslie	OFSL	37	360-753-7681
Brouwer, Sarah	OFSL	37	360-753-7656
Bruner, Howard	CFSL	30	541-750-8520
Bryant, Mason	JFSL	2, 33, 46, 47	907-586-8811 x228
Budnick, Deb	CFSL	31	541-758-8832
Bull, Evelyn	LFSL	16, 35	541-962-6547
Bunten, Will	AFSL	26	907-743-9426
Burgess, Caitlin	PWFSL	39	206-732-7815
Burgess, Jimmy	LFSL	35	541-962-6542
Burgess, Whitney	PFSL	43	503-808-3162
Burkhart, Erin	Sitka	25	907-747-4315
Burnett, Kelly	CFSL	2, 29	541-750-7309
Bush, Cassandra	CFSL	28	541-750-7250
Butler, Sarah	PFSL	43	503-808-2083

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Campbell, Kurt	PFSL	43	503-808-2077
Campbell, Paul	PWFSL	39	206-732-7872
Campbell, Sally	PFSL	11, 43	503-808-2034
Carey, Andrew	OFSL	38	360-753-7688
Carlson, Jewel	PNW-HR	24	360-891-5237
Castellano, Mike	CFSL	5, 30	541-750-7382
Caswell, David	SDO	22	503-808-2107

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Cervany, Lee	PWFSL	13, 40	206-732-7832
Chan, Samuel	CFSL	28	541-750-7270
Charnley, Susan	PFSL	13, 42	503-808-2051
Chase, John	PFSL	43	503-808-2089
Chilen, Geri	OFSL	37	360-753-7661
Chrastil, Howard	CFSL	28	541-750-7253
Christiansen, Kelly	CFSL	29	541-750-7421
Christensen, Glenn	PFSL	11, 43	503-808-2064
Cimon, Norm	LFSL	35	541-962-6551
Claeson, Shannon	OFSL	38	360-753-7697
Clark, Anna	PFSL	43	503-808-2068
Clark, Roger	PWFSL	8, 14, 40	206-732-7833
Coe, Kent	LFSL	35	541-962-6552
Cohen, Warren	CFSL	5, 30	541-750-7322
Colclasure, Perry	PFSL	43	503-808-2054
Coles, Daniel	PFSL	43	503-808-3169
Copstead, Ron	PWFSL	40	206-732-7830
Cothran, Nancy	PFSL	43	502-808-2071
Creel, Craig	CFSL	30	541-750-7326 541-822-6301
Crisafulli, Charlie	OFSL	38	360-449-7834
Cromwell, Shirley	PFSL	43	503-808-2049
Cronn, Richard	CFSL	19, 28	541-750-7291
Cunningham, Patrick	CFSL	22, 32	541-750-7271
Curry, Cyrus	CFSL	31	541-758-8832
Curtis, Robert	OFSL	37	360-753-7669

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D'Amore, Dave	JFSL	18, 33	907-586-8811 x255
Daniels, Jean	PFSL	42	503-808-2004
Daum, Brian	PFSL	43	503-808-2027
Deal, Robert	PFSL	9, 41	503-808-2191
Dean, Sherry	OFSL	37	360-753-7682
Deans, Jessica	PFSL	43	503-808-3168
Deput, Ed	WFSL	15, 35, 45	509-664-1715

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Devine, Warren	OFSL	37	360-753-7675
Dick, Brian	LFSL	35, 46	541-962-6539
Digranes, Joseph	PFSL	43	503-808-3157
Dollins, James	OFSL	37	360-753-7663
Dong, Tiffany	SDO	4, 23	503-808-2140
Donnegan, Joe	PFSL	11, 43	503-808-2053
Donoghue, Ellen	PFSL	12, 42	503-808-2018
Donovan, Geoffrey	PFSL	13, 42	503-808-2043
Douglass, Grace	OFSL	37	360-753-7730
Downing, Greg	CFSL	30	541-750-7283 541-822-6300
Drapek, Ray	CFSL	15, 31	541-750-7483
Dunham, Paul	PFSL	43	503-808-2024
Dunn, Paul	SDO	22	503-808-2115
Dykstra, Dennis	PFSL	12, 42	503-808-3132

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Eagle, Paige	PWFSL	39	206-732-7853
Eberhardt, Ellen	CFSL	31	541-750-7481
Edwards, Richard	JFSL	2, 33	907-586-8811 x269
Ellenburg, Loretta	CFSL	7, 29	541-750-7402
Erickson, Heather	PFSL	8, 41	503-808-2015

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Farr, Summer	PFSL	43	503-808-3189
Feinberg, Joshua	PFSL	43	503-808-3152
Flitcroft, Rebecca	CFSL	29	541-750-7346
Forsman, Eric	CFSL	7, 30	541-750-7266
Foster, Alex	OFSL	38	360-753-7680
Frederick, Chris	PWFSL	39	
Fried, Jeremy	PFSL	10, 43	503-808-2058
Fryer, Sarita	SDO	22	503-808-2124
Frystak, Mark	CFSL	28	541-750-7375
Fuentes, Florisa	SDO	22	503-808-2123
Furniss, Michael	CFSL	32	541-758-7789

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- G -			
Galleher, Beth	OFSL	38	360-753-7683
Gatziolis, Demetrios	PFSL	10, 43	503-808-2038
Garber-Yonts, Brian	CFSL	31	541-758-7756
Glose, Tom	PFSL	43	503-808-3136
Goodwin, Emmalie	CFSL	28	541-750-7282
Gould, Peter	PWFSL	37	360-753-7677
Grabowiecki, Walter	PFSL	43	503-808-2023
Graham, Elaina	AFSL	26	907-743-9423
Grant, Gordon	CFSL	5, 30	541-750-7328
Gravenmier, Becky	SDO	22	503-808-2851
Gray, Andrew	CFSL	30, 43	541-750-7252
Greene, Sarah	CFSL	30, 46, 47	541-750-7360
Greenwade, Robert	CFSL	29	541-750-7320
Guarnaccia, Paul	PFSL	43	503-808-2098
Guth, Curt	CFSL	28	541-750-7261

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Haggard, Mary Ellen	WFSL	45	509-664-1740
Halperin, Jamie	PFSL	43	503-808-3182
Hanley, Thomas	JFSL	6, 27, 33	907-586-8811 x250
Hamilton, Margaret	PFSL	42	503-808-2025
Hansen, Bruce	CFSL	29	541-750-7311
Hanson, Erica	PFSL	43	503-808-2086
Harrington, Connie	OFSL	18, 37	360-753-7670
Harrington, Tim	OFSL	18, 37	360-753-7674
Hawkins, Jacob	PFSL	43	503-808-3178
Hayes, Jane	LFSL	16, 35	541-962-6549
Haynes, Richard	PFSL	12, 13, 42	503-808-2002
Heithecker, Troy	JFSL	33	907-586-8811 x281
Hemstrom, Miles	PFSL	8, 41	503-808-2006
Hennon, Paul	JFSL	15, 34	907-586-8811 x277
Henshaw, Don	CFSL	30	541-750-7335
Hessburg, Paul	WFSL	17, 45	509-664-1722
Hill, Geanne	PFSL	42	503-808-2061

NAME	LOCATION	PAGE	TELEPHONE
Hiserote, Bruce	PFSL	43	503-808-2056
Hoadley, Jeanne	PWFSL	39	206-732-7867
Hodgson, Gail	CFSL	22, 28	541-750-7260
Hoff, Andrew	PFSL	43	503-808-3159
Hollingsworth, Teresa	FFSL	6, 27	907-474-2424
Holt, Cheryl	PFSL	41	503-808-2011
Horning, Matt	CFSL	29	541-750-7301
Hubbard, Connie	AFSL	26	907-743-9420
Hummel, Susan Stevens	PFSL	12, 42	503-808-2084
Hutton, Elcine	LFSL	35	541-962-6570

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Iaccarino, Jennifer	PFSL	43	503-808-3196
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Jacobsen, Craig	CFSL	29	541-750-7394
James, Kevin	WFSL	45	509-664-1738
Jennings, Cheryl	SDO	23	503-808-2133
Johnson, Adelaide	JFSL	33	907-586-8811 x257
Johnson, Daniel	OFSL	37	360-753-7690
Johnson, Morris	PWFSL	39	206-732-7852
Johnson, Randy	CFSL	19, 29	541-750-7290
Johnson, Sherri	CFSL	5, 30	541-750-7771
Jones, Cam	CFSL	30	541-750-7336
Jones, Khakie	PFSL	43	503-808-2031

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Kangas, Doreen	PFSL	41	503-808-2021
Kellogg, Lara	PWFSL	39	206-732-7839
Kelsey, Rick	CFSL	15, 31	541-750-7368
Kennedy, Rebecca	CFSL	5, 30	541-750-7262
Kennedy, Robert	CFSL	5, 30	541-750-7498
Kennedy, Ryan	LFSL	35	541-962-6568
Kent, Diana	SDO	22	503-808-2101

NAME	LOCATION	PAGE	TELEPHONE
Kerns, Becky	CFSL	31	541-750-7497
Kie, John	LFSL	16, 35	541-962-6529
Kill, Josh	WFSL	45	509-664-1742
Kimball, Katherine	OFSL	37	360-753-7658
King-Sanders, Deselyn	PNW-HR	24	360-891-5232
Kline, Jeff	CFSL	8, 12, 31	541-758-7776
Koetz, Ron	CFSL	28	541-750-7253
Kohl, Chris	LFSL	35	541-962-6525
Koleser, Ray	AFSL	10, 26	907-743-9416
Korman, Bridget	OFSL	37	360-753-7655
Kraft, Joseph	OFSL	37	360-753-7687
Kruger, Linda	JFSL	12, 34, 40	907-586-8811 x240
Krull, Candace	PWFSL	39	206-732-7811
Kuegler, Olaf	PFSL	11, 43	503-808-2028

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Lamb, Melinda	JFSL	34	907-586-8811 x283
Lambert, Heather	PFSL	43	503-808-2035
LaPine, Marc	PFSL	44	503-808-3126
Larkin, Sim	PWFSL	17, 39	206-732-7849
Larrabee, Theresa	CFSL	28	541-750-7400
Larson, David	CFSL	29	541-750-7485
Laurence, John	CFSL	5, 28	541-750-7357
Lawrence, Kelly	PWFSL	40	206-732-7870
Lehmkuhl, John	WFSL	17, 45	509-664-1737
Lenihan, Jim	CFSL	15, 31	541-750-7432
Lewis, Brian	PFSL	44	503-808-3214
Lewis, Mark	LFSL	35	541-962-6546
Li, Ching-Yan	CFSL	5, 30	541-750-7386
Lienkaemper, Cynthia	CFSL	30	541-750-7443
Lind, Bob	CFSL	28	541-750-7253
Little, Dee (Helen)	AFSL	26	907-743-9401
Livada, Diana	OFSL	37	360-753-7679
Long, Lisa	JFSL	33	907-586-8811 x266
Loschl, Peter	CFSL	30	541-750-7273
Lovingcey, Jean	PNW-HR	24	360-891-5230

NAME	LOCATION	PAGE	TELEPHONE
Lowell, Eini	PFSL	12, 42	503-808-2072
Lowry, Tami	CFSL	30	541-750-7488
Lumbab, Ellery	JFSL	33	907-586-8811 x221

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Magellanez, Patti	PNW-HR	24	360-891-5231
Maggiulli, Nicole	CFSL	29	541-750-7284
Mahal, Lisa	AFSL	26	907-743-9418
Mandel, Nancy	CFSL	29	541-750-7293
Manter, Daniel	CFSL	31	541-758-7768
Marcot, Bruce	PFSL	7, 41	503-808-2010
Marshall, David	OFSL	18, 37	360-753-7673
Marshall, Mary	LFSL	35	541-962-6541
Max, Timothy	PFSL	22, 44	503-808-2060
Mazza, Rhonda	PFSL	43	503-808-2085
McCafferty, Chris	CFSL	30	541-750-7273
McCauley, Ann	PWFSL	39	206-732-7885
McClellan, Michael	JFSL	18, 33	907-586-8811 x246
McCormick, Frank	OFSL	38	360-753-7667
McDuffy, Jon	PWFSL	39	206-732-7840
McGaughey, Robert	PWFSL	18, 39	206-543-4713
McKay, Doni	CFSL	30	541-750-7392
McKee, Debby	CFSL	30	541-750-7298
McKee, Tom	CFSL	28	541-750-7418
McKenzie, Don	PWFSL	16, 39	206-732-7824
McMillan, Diane	PWFSL	40	206-732-7820
Mendoza, Veronica	PWFSL	40	206-732-7872
Meinzer, Fredrick (Rick)	CFSL	6, 30	541-758-7798
Melvin, Carol	PFSL	41	503-808-3135
Menorath, Shawn	PWFSL	39	206-732-7872
Mikowski, Dan	CFSL	29	541-750-7276
Mikowski, Judy	PFSL	42	503-808-2003
Miller, Dick	OFSL	37	360-753-7684
Mills, John	PFSL	13, 42	503-808-2076
Mills, Perry	JFSL	33	907-586-8811 x222
Miner, Cynthia L.	SDO	4, 23	503-808-2135

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Molina, Randolph	CFSL	5, 9, 30	541-750-7391
	PFSL	41	503-808-3137
Monleon, Vincente	PFSL	10, 44	503-808-2094
Monserud, Robert	PFSL	12, 42	503-808-2059
Moore, Mark	PWFSL	40	206-732-7807
Morefield, Joseph	PFSL	44	503-808-3164
Mullen, Tim	OFSL	37	360-753-7725
Mujica-Crapanzano, Laura	AFSL	26	907-743-9405
Murphy, Eric	AFSL	26	907-743-9402
Muscutt, Kristina	CFSL	28	541-750-8816

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Nay, Mark	CFSL	30	541-750-7264
Naylor, Bridgett	LFSL	35	541-962-6564
Neill, Andy	CFSL	29	541-758-8788
Neilson, Ron	CFSL	15, 31	541-750-7303
Nicholls, Dave	Sitka	14, 25	907-747-4312
Nicklin, Ruth Ann	SDO	23	503-808-2122
Nimura, Alison	PFSL	44	503-808-2096
Niwa, Chris	CFSL	15, 31	541-750-7370
Noordijk, Peter	PFSL	42	503-808-2065
Norberg, Erik	JFSL	33	907-586-8811 x239
Norheim, Robert	PWFSL	40	206-732-7809
Norwood, Yvette	OFSL	37	360-753-7726
Nothwang, Jack	LFSL	35	541-962-6567
Nguyen, Think	OFSL	38	360-753-7715

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Ohmann, Janet	CFSL	5, 30	541-750-7487
Olson, Dede	CFSL	29	541-750-7373
Olson, Diana	PWFSL	40	206-732-7844
O'Neal, Christy	CFSL	28	541-758-8819
Ortegon, Rolando	SDO	22	503-808-2102
Osborn, Shawn	AFSL	26	907-743-9403
Ottmar, Roger	PWFSL	16, 40	206-732-7826

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Palazzotto, Nick	OFSL	38	360-753-7716
Park, Roxanne	WFSL	45	509-664-1711
Parks, Catherine	LFSL	35	541-962-6531
Patterson, Melissa	PFSL	44	503-808-2087
Patterson, Trista	JFSL	12, 34	907-586-8811 x234
Pavia, Catherine (Joey)	Idaho	25	208-885-7094
Perez, Gloria	SDO	22	503-808-2111
Perkins, Jim	OFSL	38	360-753-7728
Perry, Debbie	SDO	22	503-808-2141
Peter, Dave	OFSL	37	360-753-7654
Peterson, Andrew	PFSL	44	503-808-3183
Peterson, Charles	PFSL	18, 41	503-808-2026
Peterson, David L.	PWFSL	16, 40	206-732-7812
Peterson, David W.	WFSL	17, 45	509-664-1727
Pfohl, Benjamin	AFSL	26	907-743-9410
Pierce, Kenneth	CFSL	5, 30	541-750-7393
Pijoan, Jessica	PFSL	44	503-808-3131
Pilz, David	CFSL	30	541-750-7362
Poage, Nathan	PFSL	41	503-808-2074
Poindexter, Robert	PFSL	44	503-808-2014
Poklemba, Chris	CFSL	29	541-750-7295
Polivka, Karl	WFSL	3, 45	509-664-1736
Porterie, Gaston	SDO	22	503-808-2105
Potter, Brian	PWFSL	17, 40	206-732-7828
Potts, Larry	PFSL	44	503-808-2079
Powell, Scott	CFSL	30	541-750-7409
Progar, Rob	CFSL	15, 31	541-750-7374
Purdom, Hans	OFSL	38	360-753-7717

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Raley, Cathy	OFSL	38	360-753-7686
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Rasmussen, Ron	CFSL	29	541-750-7394
Raphael, Martin	OFSL	7, 38	360-753-7662
Rapp, Val	SDO	4, 23	503-808-2132
Rash, Scott	PFSL	44	503-808-2081
Raymond, Crystal	PWFSL	40	206-732-7806
Reeves, Gordon	CFSL	2, 29	541-750-7314
Reichlein, Pilar	SDO	23	503-808-2114
Reid, Jane	AFSL	26	907-743-9411
Reid, Janice	CFSL	30	541-464-3229
Reid, Jewel	PFSL	41	503-808-2069
Reid, Mark	PFSL	41	503-808-3228
Reutebuch, Steve	UW	18, 37, 39	206-543-4710
Reynolds, Keith	CFSL	14, 32	541-750-7434
Reynolds, Olivia	SDO	22	503-808-2116
Rhoads, Robert	PFSL	10, 44	503-808-2022
Riccardi, Cynthia	PWFSL	40	206-732-7819
Richardson-Dodge, Sherri	SDO	4, 23	503-808-2137
Ricklefs, Betty	CFSL	28	541-750-7255
Riddle, Jeff	CFSL	29	541-750-7292
Roberts, Scott	OFSL	38	360-357-5204
Rode, Danna	LFSL	35, 46	541-962-6524
Rojas, Thomas	Sitka	14, 25	907-747-4311
Ronnenberg, Kathryn	CFSL	29	541-750-7306
Rorig, Miriam	PWFSL	17, 40	206-732-7843
Routman, Keith	SDO	23	503-808-2129
Rugger, Cindy	CFSL	29	541-750-7278
Ryan, Douglas F.	OFSL	2, 37	360-753-7652

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Salter, Brion	WFSL	45	509-664-1728
Sagner, Helen	SDO	4, 23	503-808-2106
Sandberg, David (Sam)	PWFSL	16, 40	206-732-7825
Sands, Yasmeen	SDO	23	503-808-2239
Schultz, Mark	JFSL	34	907-586-8811 x275
Schulz, Beth	AFSL	10, 26	907-743-9424
Seecholtz, David	PFSL	8, 41	541-383-5300

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Sexton, Jay	CFSL	31	541-750-7257
Seymour, Geoff	PWFSL	40	206-732-7818
Shanafelt, Bonnie	WFSL	45	206-664-1731
Shanks, Alyssa	CFSL	31	541-750-7297
Singleton, Peter	WFSL	45	509-664-1732
Smith, Catherine	SDO	22	503-808-2108
Smith, Jane	CFSL	5, 31	541-750-7387
Solano, Samuel	PFSL	44	503-808-2050
Solomon, Robert	PWFSL	40	206-732-7850
Sommervold, Diane	PNW-HR	24	360-891-5238
Sorensen, Frank	CFSL	29	541-750-7300
Spies, Tom	CFSL	5, 31	541-750-7354
St. Amie, Johanna	SDO	22	503-808-2103
St. Clair, Brad	CFSL	19, 29	541-750-7294
Stephens, David	OFSL	37	360-753-7678
Stevens, Bruce	PFSL	44	503-808-3188
Stiefel, Maria	Sitka	25	907-747-4215
Strobel, Burke	CFSL	29	503-630-8793
Sullivan, Lynn Starr	SDO	4, 23	503-808-2214
Suzuki, Nobuya	CFSL	29	541-750-7356
Swanson, Fred	CFSL	5, 31, 46	541-750-7355

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Terzibashian, Jane	PFSL	44	503-808-3180
Teutsch, Chris	AFSL	26	907-743-9414
Thies, Walt	CFSL	15, 31	541-750-7408
Thompson, Joel	PFSL	44	503-808-3175
Thornton, David	OFSL	37	360-753-7668
Trappe, James	CFSL	31	541-750-7394
Trimble, Steven	PFSL	44	503-808-2030
Tyler, Tina	PWFSL	22, 40	206-732-7854

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Valentine, Theresa	CFSL	31	541-750-7333
Vance, Nan	CFSL	19, 29	541-750-7302
Vance-Borland, Ken	CFSL	29	541-750-7421
van Hees, Willem	AFSL	10, 26	907-743-9412
Vanni, Frank	SDO	4, 23	503-808-2147
Vavra, Marty	LFSL	8, 16, 35	541-962-6561
Veneklase, Charles	PFSL	44	503-808-2045
Verhunc, Tammy	PFSL	41	503-808-2032
Vihnanek, Bob	PWFSL	40	206-732-7829
Voight, Martha	PFSL	44	503-808-3158

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Waddell, Karen	PFSL	11, 44	503-808-2046
Wales, Barbara	LFSL	35	541-962-6535
Wanek, Ron	PFSL	44	503-808-2048
Warren, Debra	PFSL	42	503-808-2001
Warren, Jeffrey	CFSL	6, 31	541-758-8766
West, Bonnie	HJA	46	541-822-6303
West, Cynthia D.	SDO	22	503-808-2104
West, Marshall	WFSL	45	509-664-1716
Westlind, Doug	CFSL	31	541-750-7376
Weyermann, Dale	PFSL	44	503-808-2042
White, Dan	LFSL	36	541-962-6572
White, Eric	CFSL	32	541-750-7422
White, Rachel	PFSL	8, 41	503-808-2082
White, Seth	PFSL	41	503-808-3226
Wickman, Boyd	DNF	36	541-388-5428
Wiitala, Marc	PFSL	44	503-808-2013
Wilk, Karen	OFSL	38	360-753-7651
Wilk, Randall	OFSL	38	360-753-7710
Williams, Jonathan	PFSL	44	503-808-3151
Willits, Sue	PFSL	10, 26, 41	503-808-2066
Wilson, Andy	PFSL	44	503-808-3139
Wilson, Carolyn	SDO	4, 23	503-808-2139

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Wilson, Annette	OFSL	38	360-753-7698
Wilson, Todd	OFSL	6, 38	360-753-7693
Wing, Gina	PWFSL	39	206-732-7821
Winslow, Pi	PFSL	41	503-808-3227
Winterberger, Kenneth	AFSL	26	907-743-9419
Wisdom, Michael	LFSL	8, 16, 36	541-962-6532
Wittwer, Dustin	JFSL	34	907-586-8811 x284
Wondzell, Steve	OFSL	3, 8, 38	360-753-7691
Woodsmith, Richard	WFSL	3, 45, 46	509-664-1735
Wright, Clint	PWFSL	16, 40	206-732-7827
Wurtz, Tricia	FFSL	6, 27, 46	907-474-5994

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Yatskov, Mikhail (Misha)	AFSL	26	907-743-9426
Youngblood, Andy	LFSL	16, 36, 46	541-962-6530

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Zhou, Xiaoping	PFSL	8, 13, 42	503-808-2017
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