

Roslyn Gray, P.E.

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Portland, OR

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SKILLS

HEC-RAS 2D
AutoCAD
Topo/bathymetric Survey
Technical Writing

Portland Utility Board <i>BES Ex-Officio Member</i>	2023–2025
River Restoration Northwest <i>Vice President – Programs</i>	2019–2022
Oregon Watershed Enhancement Board <i>Region 1 Technical Review Team</i>	2013–2015
Engineers Without Borders <i>Professional Mentor</i>	2008–2009

EDUCATION

Cornell University

Master of Engineering, <i>Environmental Fluid Mechanics & Hydrology</i>	2006
Bachelor of Science, <i>Civil & Environmental Engineering</i>	2005
Minor, <i>Operations Research & Industrial Engineering</i>	2005

PROFESSIONAL EXPERIENCE

Supervising Engineer (Engineer III)

2023 - present

City of Portland – Bureau of Environmental Services (BES)

Portland, Oregon

- Mentor, support, and represent the Surface Water Restoration section of BES Engineering Design Services. Provide technical oversight, manage workloads, and promote professional growth and contribution of staff to deliver internal and external service to achieve target restoration and stewardship outcomes.
- Increase visibility and understanding of Natural Resource Service Delivery to support Public Works Service Area Transition and manage risk associated with Restoration and Natural Area Portfolios.
- Lead process improvements to enhance collaboration across work groups and improve service delivery: e.g., developed Best Value procurement strategy, improved Construction Management communication and deliverables for City restoration projects, developed Regulatory Permit material, improved topo/bathymetric Stream Survey deliverables, enhanced Adaptive Management authorities and capacity.
- Promote equity, strength-based performance, and professional development of staff through tailored stretch assignments and continuing education opportunities outside of core responsibilities.

Restoration Design Manager (Engineer I)

2019 - present

City of Portland – Bureau of Environmental Services (BES)

Portland, Oregon

- Coordinate and manage interdisciplinary project teams to develop and deliver technically complex, public-facing urban restoration projects to benefit rate payers, the City, and the natural systems.
- Communicate and demonstrate ecological uplift of process-based restoration by adapting risk management strategies to satisfy stakeholder values stemming from community engagement, regulatory compliance, flood management, long-term site stewardship, and capital project delivery.
- Apply engineering ethics, communication, and competence as Engineer of Record for projects that restore habitat connectivity, hydrologic processes, sediment transport, water quality, and climate resilience.

State Wetland Restoration Engineer

2015 - 2019

Oregon Natural Resources Conservation Service (NRCS - USDA)

Portland, Oregon

- Led the engineering inventory, planning, design and implementation of wetland and river restoration projects on permanent NRCS conservation easements across Oregon.
- Characterized hydrologic conditions of degraded ecosystems to develop restoration of historic hydrology. Evaluated soil behavior, groundwater and surface water hydrology, fluvial geomorphology, climate, biological factors, hydraulic infrastructure, water rights, long-term management requirements, construction

feasibility, cost, and land use impacts in the design and evaluation of restoration alternatives.

- Developed surface and hydraulic models using GPS survey equipment, LiDAR, AutoCAD C3D, HEC-RAS 2D and ArcGIS; directed subsurface soils investigations and provided geotechnical analysis; built and reviewed project design drawings, specifications, cost estimates, permit applications, and quality assurance plans; managed construction contracts and asbuilt documentation, and developed interagency agreements.
- Coordinated and supervised the work and professional development of three junior engineers.
- Improved interdisciplinary team performance by promoting accountability, trust, knowledge transfer, communication, customer service, and partner engagement.

North Coast Basin Engineer

2011 - 2015

Oregon Natural Resources Conservation Service (NRCS - USDA)

St. Helens, Oregon

- Eliminated the backlog of engineering workload in Columbia, Clatsop and Tillamook counties. Developed and implemented designs for technical conservation projects including: stream habitat restoration, culvert replacements, pond development, stormwater management and rainwater harvesting, access roads, irrigation systems, manure management, and stockwater systems.
- Formally facilitated strategic planning and decision making at public and internal meetings as a member of the Oregon NRCS Facilitation Cadre.
- Evaluated statewide program delivery as a member of the Oregon NRCS Quality Assurance Review Team.
- Evaluated stream restoration proposals and recommended grant funding allocation as a member of the Oregon Watershed Enhance Board (OWEB) Region 1 Technical Review Team.

Agricultural Engineer

2010 - 2011

Oregon Natural Resources Conservation Service (NRCS - USDA)

Tangent, Oregon

- Completed special assignments as Acting North Coast Basin Engineer; Acting Upper Willamette Basin Engineer; and Vermont NRCS Emergency Watershed Protection (EWP) following Hurricane Irene.

Agricultural Engineer

2007 - 2010

Vermont Natural Resources Conservation Service (NRCS - USDA)

St. Albans, Vermont

- Developed engineering plans and provided construction inspection for agricultural conservation practices including waste transfer systems and storage facilities, vegetated treatment areas, heavy use areas, stream crossings, roads, and stormwater management systems.
- Served as Co-Chair of Vermont NRCS Civil Rights Advisory Committee; hosted state legislator, radio journalist, legal case worker, migrant worker activist and local dairyman panel to address "Migrant Labor on Vermont Dairy Farms"; speaker at national civil rights conference.

Environmental Engineer

2006 - 2007

Camp, Dresser & McKee, Inc. (CDM)

Wethersfield, Connecticut

- Completed municipal Inflow/Infiltration sanitary sewer study for Westfield, Massachusetts.

Engineering Intern

2003

Wetland Studies & Solutions, Inc.

Gainesville, Virginia

- Assessed development impacts to delineated wetlands, prepared permit applications, assisted with maintenance of private wetland mitigation bank.

GRADUATE DESIGN PROJECT

Team Leader

2004 - 2005

AguaClara – Sustainable Drinking Water Treatment

Ithaca, New York

Honduras

- Led 20 graduate and undergraduate students in the research and design of innovative drinking water treatment methods suitable for rural communities of the Global South.
- Lived and worked in a small community of northern Honduras for three months to bring the designed gravity-fed drinking water treatment plant online; trained local operator to treat 75 gpm at 95% efficiency; empowered local community water board and partnering NGOs to sustainably deliver clean drinking water.

Burke A. Strobel

Email: burke.strobel@portlandoregon.gov

Work Experience

Senior Fish Biologist (Environmental Specialist II)

City of Portland Water Bureau

(May 2006-Present)

1120 SW 5th Ave. Room 405, Portland Oregon, 97204

Help City of Portland comply with Endangered Species Act (ESA), Clean Water Act (CWA), and National Environmental Policy Act (NEPA).

- Participate in drafting of Bull Run Water Supply Habitat Conservation Plan (HCP): ESA and CWA. Provide technical support for HCP Environmental Impact Statement: NEPA.
- Draft State Fish Passage Waiver application for Bull Run Water Supply.

Design and implement long-term monitoring program for HCP.

- Design and coordinate multi-agency collaboration monitoring salmonid smolt production in the Sandy River Basin
- Supervise the work of three seasonal personnel-hiring, training, work assignments, work quality evaluations
- Maintain working contacts and mutual support with federal and state partners.

Manage the design and construction of habitat restoration measures for Portland HCP, including large wood placements, engineered log jams and floodplain reconstruction projects.

- Obtain/help obtain removal/fill, floodplain development, scientific take, and environmental quality permits from US Army Corps of Engineers, Oregon Dept. State Lands, Oregon Dept. Environmental Quality, Oregon Dept. Fish and Wildlife (ODFW), Multnomah and Clackamas Counties, City of Troutdale.
- Obtain permissions from and develop/help develop interagency agreements with Metro Regional Government, ODFW, US Forest Service (USFS), Bureau of Land Management, US Fish and Wildlife Service, and private landowners, including negotiation and maintaining effective working relationships.
- Write Ordinances for Portland City Council
- Manage Professional Services, Construction, and Goods and Services contracts, Workfront (Attask) project reporting.

Participate in natural resource educational programs (Wolfree Cascade Streamwatch, Water Bureau school tours)

Biological Technician (Fisheries)-GS-0404-06/07

USFS PNW Research Station

(April 1998-May 2006)

3200 SW Jefferson Way, Corvallis, OR 97331

Implement project and design and coordinate monitoring program for a large-scale, multi-year stream nutrient enrichment project in the Clackamas and Sandy River basins.

- Collaborate with multiple agencies and local watershed council to distribute thousands of salmon carcasses across streams in two basins using helicopters and volunteer groups.
- Enlist assistance to collect, analyze, and present monitoring results to various groups.

Manage the Clackamas River fish-monitoring program

- Train and supervise five seasonal personnel: hiring, performance evaluations, quality control
- Apply for state and federal take permits, report take
- Maintain working relationships with colleagues in federal and state agencies and private sector.
- participate in natural resource educational programs (Trout Unlimited Salmon Watch)

Assistant District Fish Biologist-GS-0482-09

USFS Zigzag Ranger District (Detail)

(Feb. 2003-March 2003)

70220 E. Hwy 26, Zigzag, OR 97049

USFS Clackamas River Ranger District (Detail)

(May 2000-August 2000)

595 NW Industrial Way, Estacada, OR 97023

Give fisheries input for projects on National Forest lands (road decommissioning, summer home issues, road improvements).

Write biological evaluations and baseline reports for Biological Assessments (ESA)

Manage seasonal employees' program of work

Conduct surveys for aquatic survey/manage species (Northwest Forest Plan)

Education

MS Degree, Marine Biology, 1996.

California State University, Hayward, CA. Moss Landing
Marine Laboratories, Moss Landing, CA 95039

B.S. and B.A., Biology, 1991.

Oregon State University, Corvallis, OR 97331

Universität Tübingen, Tübingen, FR Germany (1 year)

Experimental design, sampling techniques, statistical analysis, plant ecology, physical oceanography

Awards and Interests

Simon Benson Award, 2012 (Portland Water Bureau); Performance/Merit awards for outstanding performance, 2002/2001/2000/1999 (PNW Research, USFS), 1997/1996; (USFS Mount Hood National Forest)

Enjoy hiking, woodworking, homebrewing, biking. Speak German.

ANGIE KIMPO

35423 SE Ellis Road, Corbett, Oregon 97019
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SUMMARY

- Strong knowledge of local, state and federal laws impacting the management of natural resources on public lands.
- Over twenty five years' experience with designing and implementing mitigation and ecological restoration projects in the Pacific Northwest to meet regulatory requirements and stewardship goals.
- Twenty-six years' experience in management of open spaces throughout the Metro region.
- Significant experience in developing and managing environmental programs.
- Significant experience in managing environmental permit requirements.
- Significant experience in overseeing staff and contractors and directing work.
- Extensive computer training, including knowledge of ArcGIS, Powerpoint, Microsoft Access and Office.
- Knowledge of City of Portland governmental structure, contracting, purchasing procedures.

EMPLOYMENT AND RELATED EXPERIENCE

Environmental Regulatory Program Coordinator/Bull Run Vegetation Stewardship Program Manager, Portland Water Bureau, Portland, Oregon.

2020-present

- Manage Vegetation Stewardship Program (VSP), within the Resource Protection and Planning Group, to ensure regulatory compliance and effective stewardship of natural areas managed by the Water Bureau.
- Oversee VSP staff including directing work, conducting team training for Bureau herbicide application for Respro and the Grounds Crew, providing training and managing adherence to safety protocols.
- Supervise VSP staff, including assignment and oversight of work, coaching and mentoring, and conducting performance reviews and timekeeping (July 2023)

Environmental Program Coordinator, Portland Water Bureau, Portland, Oregon.

2009- 2020

- Develop Invasive Species Program for the Bull Run Watershed Management Unit (BRWMU)
- Develop Conservation Easement Program for the Bull Run Watershed Habitat Conservation Plan

- Develop and implement management and mitigation strategies, including invasive species control, forestry and rare plant conservation for Water Bureau properties and interests in the City of Portland and the Sandy Basin.
- Serve as Water Bureau representative to the tri-county Cooperative Weed Management Area, including role as a member of the Technical Sub-Committee responsible for regional inventory and tracking of invasive plant species.
- Serve as Water Bureau liaison to other City of Portland Bureaus, Oregon Department of Agriculture, US Forest Service and BLM on botanical issues within the Bull Run Watershed Management Unit.
- Develop and oversee various technical and goods and services contracts and interagency agreements for Portland Water Bureau properties including development of technical specifications, contract administration, contractor oversight, performance inspections and contractor outreach.
- Monitor program budget and expenditures.
- Achieve management goals on Portland Water Bureau properties through collaboration with local, state and federal agencies, non-profits, non-governmental agencies and public interests.
- Compile data and prepare regulatory reports and present reports of restoration results in a variety of forms including written reports and presentations to peers and the public.
- Research and evaluate federal, state and local environmental policy and identify potential impacts to the Water Bureau.
- Organize, train and direct program staff including evaluation of program performance and outcomes.
- Respond to public inquiries about natural area management and Bureau herbicide policy outside of the BRWMU.

Senior Natural Resources Scientist, Metro Regional Parks and Greenspaces, Portland, Oregon.

2005- 2009

- Develop and implement management strategies, including invasive species control, for over 3500 acres of open space properties on the east side of the Metro region.
- Serve as Metro representative to the tri-county Cooperative Weed Management Area, including role as a member of the Technical Sub-Committee responsible for regional inventory and tracking of invasive plant species.
- Serve as Metro liaison to Oregon Department of Agriculture to provide input on listing of Noxious weeds, release of bio-controls on Metro Open Space property and tracking of invasive species in the region.
- Administer and oversee consultant contractors conducting aquatic and terrestrial biological assessments for 2006 Metro Bond refinement process.

- Develop and oversee vegetation management contracts for Metro Open Space properties including development of technical specifications, contract administration, contractor oversight, performance inspections and contractor outreach.
- Work cooperatively with local, state and federal agencies, non-profits, non-governmental agencies and public interests to achieve management goals on Metro Open Space properties.
- Work with consultants to develop and enhance an Access database used to track management and monitoring activities on Metro Open Space properties.
- Prepare and present reports of restoration results in a variety of forms including written reports and presentations to peers and the public.
- Serve as technical advisor to the development of Metro's Native Plant Materials Center. Provide feedback on site layout, design, species selection, plant propagation and rare plant
- Develop and secure funding for Sandy River Wild and Scenic Enhancement Project, which will provide early intervention treatment to ivy, holly and clematis on over 4000 acres between Dodge Park and Oxbow Park.

Botanic Specialist II, *City of Portland, Bureau of Environmental Services, Portland, Oregon.*
1999-2005

- Work with Watershed Revegetation Program (WRP) to manage and oversee invasive species treatments on riparian restoration and mitigation projects throughout the City.
- Serve as program representative in development of Sensitive Habitat Area (SHA) criteria for refinement of Goal 5 process for the City.
- Coordinate vegetation monitoring efforts for the WRP on restoration sites. Develop and implement monitoring protocols for restoration effectiveness, plant survival and invasive species treatment effectiveness.
- Serve as agency representative to the Oregon Department of Agriculture. Work with City of Portland Parks, ODA and Oregon Association of Nurserymen to list English ivy as a noxious weed in the State of Oregon.
- Procure native woody plants and seed for large-scale restoration projects through grow-out contracts and grower-direct purchase.

Nursery Owner, *Willowell Native Plant Nursery, Portland, Oregon.*
1999-2005

- Own and manage backyard nursery operation whose primary function is to salvage native plants from future construction sites.

Board Member, *Society for Ecological Restoration NW (SERNW)*
2001-2005

Program Chair, SERNW Meeting

2003, 2005

- Coordinate and oversee program development for five day meetings with 500-600 attendees, six concurrent sessions and approximately 300 speakers.

Wetland Plant Cooperative Coordinator, *King Conservation District, Renton, Washington.*

1997-1999

- Oversee daily operations of native wetland plant nursery.
- Conduct outreach to local agencies, non-profits and non-governmental organizations to trade volunteer labor for plant materials.
- Coordinate native seed collection and salvage operation for production of local eco-types of native plant materials.
- Develop grant funding for project-based grants to support nursery operations.

Project Assistant, Green River WATERS Project, *King Conservation District, Renton, Washington.*

1995-1997

- Enlist private landowners in rural areas to participate in riparian restoration projects with the Conservation Reserve Enhancement Program (CREP).
- Work with landowners to design and implement restoration projects intended to limit dairy cow access to fish-bearing streams.
- Manage small native plant nursery intended to supply plant materials for CREP projects.

PUBLICATIONS

Christy, J.A., A. Kimpo, V. Marttala, P.K. Gaddis & N.L. Christy. 2009. Urbanizing Flora of Portland, Oregon, 1806-2008. Native Plant Society of Oregon Occasional Paper. 3: 1-319.

Hunter Adams, Bina Nayak, Hein Van Leiverloo, Paul Rochelle, Angie Kimpo, Steve Ash and Mark Southard. *Operators Need to Know Nuisance Macroorganisms in Water*. Opflow, To be published November 2023.

Kimpo, A. The Wetland Handbook: Propagating Northwest Native Wetland Plants. 1998. King Conservation District. pp. 1-42