



West National Technology Support Center

1201 NE Lloyd Blvd
Suite 1000
Portland, OR 97232

5601 Sunnyside Ave
Room 1-2123A, Mail Stop 5420
Beltsville, MD 20705

451 West Street
Amherst, MA 01002-2995

Main Phone Number: (503) 273-2400

Fax Number: (503) 273-2401

Fax Number: (301) 504-2295

Fax Number: (413) 504-4375

EXPERTISE DIRECTORY

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
Bruce Newton	Director	503 273 2402		
Betty Shatto	Administrative Assistant	503 273 2403		
Freda Brown	Office Assistant	301-504-3946		
Rosalinda Maesner	Secretary	503-414-3045		
Susie Zuller	ACES Enrollee	503-273-2439		
<i>Core Team</i>				
Terry Aho	Soil Scientist	503 273-2422	Sec. II FOTG, Technical Soil Services, and use of Soil Data Mart, Web Soil Survey, Soil Data Viewer in resource assessment, conservation planning and program delivery.	Soil Technology – Application of Soil Data Viewer and ArcGIS in Technical Soil Services, Boot Camp
Meg Bishop	Ecologist (Environmental Compliance)	503 273 2404	Ecological considerations in NEPA; ESA; NHPA; other laws and agency environmental requirements	Environmental Training to meet compliance requirements for NEPA, ESA, etc.; NEDC - Environmental Documentation & Procedures (EIS)
Kathryn Boyer	Fisheries Biologist	503 273 2412	Aquatic species considerations for Farm Bill Programs and conservation planning, aquatic habitat conservation and restoration planning and	Conservation Buffers, Fish and Wildlife Habitat Conservation and Management, Framework for Stream Corridor Restoration, Riparian

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
			implementation; NRCS technical contact for the National Fish Habitat Action Plan Federal Caucus, the Desert Fish Habitat Partnership, Western Native Trout Initiative, the NRCS Stream Visual Assessment Protocol and Code 395 Stream Habitat Improvement and Management.	Ecology and Management, Fish Screen and Fish Passage Design and Implementation.
Jim Briggs	Plant Materials Specialist	503-273-2427	Plant and technology related development protocols, Assistance to 11 Plant Materials Centers and associated Plant Materials Specialists and other state staff specialists.	Biology of Shrubs; Conservation planning;
John Copeland	Natural Resources Spec.	503-273-2428	WRTWG Contact; Advisory Board Executive Secretary; Conservation Practice Standards Writing, Conservation System Guides, NCPSS, FOTG , National Resource Concerns, National Data Steward – CPPE, Assistance Tracker, Webmaster, SharePoint	Conservation Planning, eFOTG Level II, Conservation Practice Standards Writing
Kathleen Dobler	Natural Resources Spec.	503-273-2429	Assistance Requests; Business Plan; Training Coordinator; CPPE; Webmaster;	Boot Camp
Gene Fults	GLCI Rangeland Mgt Spec	503-273-2430	Rangeland ecology and management, Riparian management and assessment, Ecological site information system, National Riparian Service Team contact, Conservation planning, Prescribed Burning, Wetland Delineations, NRI, Range Health, Forage Suitability Groups (FSG), Livestock Issues,	Riparian Management course; GSAT, Range and Pasture Inventory; Rangeland NRI collection protocols, Pastureland NRI collection protocols
Wendell Gilgert	Wildlife Biologist	503-273-2426	Ecological Site Descriptions, Conservation Innovative Grants, Habitat Management, Non-game wildlife: Herptofauna, Pollinators, Bats, Birds, Predators, Wildlife Water	Conservation Buffers, Understanding the Landscape, Conservation Planning, Sage/Steppe Habitat Management, Integrating Fish and Wildlife into Conservation Planning, Pollinators Workshops
Tom Gohlke	Conservation Agronomist	503-273-2425	RUSLE 2, WEQ, Cropping Systems/Residue Mgt., Pest Mgt. & WIN-PST, Agronomy Standards,	NEDC Nutrient and Pest Mgt., RUSLE 2 Training, Conservation Planning, Boot Camp

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
			Nutrient Mgt.	
Hal Gordon	Agricultural Economist	503-273-2411	Field-Level Economic Analysis, Conservation Planning, Grazing Economics, Spreadsheet Tools, Cost Data-Payment Schedules, CPPE, eFOTG	Economics of Soil and Water Conservation, Conservation Planning Certification Course, Boot Camp, eFOTG
Stacy Mitchell	Communications Specialist	503-273-2432	Public Affairs; Desktop Publishing; Marketing; Communication Development; Editing; WNTSC reports; Event Planning; Photography; Product Development Planning; Media and Partner Relationships, Myers-Briggs certified.	PA Boot Camp, National Snow Survey Course, Writing Your Conservation Story, Making Differences Work in your Group
Jeffrey Repp	GLCI Rangeland Mgt Spec	503-273-2431	Ecological Site Descriptions, Soil-Site Correlation, ESIS, Conservation Planning, GSAT, Rangeland Inventory & Monitoring, NRI, Prescribed Burning, Prescribed Grazing, Brush Management, Plant Taxonomy, Coordinated Resource Management Planning, Rangeland Ecology II (NEDS tech rep.)	Boot Camp; Sage Grouse Workshops; Inventory & Monitoring, Prescribed Grazing, Conservation Planning, Prescribed Burning, Rangeland Ecological Site Descriptions, ESIS, Rangeland Health Assessment, GSAT
Peter Robinson	Water Management Engineer	503 273-2417	Irrigation, Irrigation Water Management, Conservation Innovation Grant	Boot Camp; Irrigation Water Management Software, Irrigation Water Management
Pat Shaver	Rangeland Management Spec.	503 273 2407	Rangeland Health, Prescribed Burning, Prescribed Grazing, State and Transition Models Rangeland Inventory/NRI, Ecological Site Descriptions, Brush Management	Rangeland Health Workshop; Prescribed Burning Course; Prescribed Grazing; Rangeland Inventory; Boot Camp
Lyn Townsend	Forester	503 273 2419	Forest inventory and planning, Forest Ecological Site Inventory and Descriptions, Conservation Tree/Shrub Correlation with Agroforestry; CEAP - Environmental Benefits Project, Areawide Conservation Planning and Riparian Assessment Technology	Boot Camp; Practice Standard Writing; Conservation Buffers Course; Conservation Forestry Planning; Stream Corridor Restoration Course
Kip Yasumiishi	Agricultural Engineer	503 273 2418	Civil/Design Engineering; CIG; Tech Contact for Survey Software (SET)	Lateral Earth Pressures and Retaining Walls; Introduction to Hydraulics; Pump Design; Stream Corridor Restoration; Fundamentals of Structural Design

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
Charles Zuller	Environmental Engineer	503-273-2423	Conservation Innovative Grants; Ag Waste Management; technical support for AWM program; admin for AWMCP list server.	

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
------	-------	-------	------------------------------	------------------

Energy Technology Development Team

Stefanie Aschmann	Leader	503 273 2408	CSP Energy tools; Energy conservation, Energy generation, Sustainable agriculture	Conservation Buffers; Nutrient and Pest Management Considerations for Conservation Planning, Energy and Air Quality in Conservation Planning
Stan Hitt	Physical Scientist	503-273-2437	Energy Conservation, Energy Auditing	Energy and Air Quality in Conservation Planning

Air Quality and Atmospheric Change Team

Greg Johnson	Leader	503 273-2424	Agricultural Meteorology; Climatology; Agricultural Air Quality; Atmospheric Change	Weather and Climate Applications for Resource Management (with NRCS, FS, BLM, NPS); Spatial Climate (for National Weather Service Training Center)
Miles Merwin	ACES – Forester	503-273-2421	Forest carbon sequestration	Air Quality and Atmospheric Change Training for NRCS Employees
Susan O’Neill	Physical Scientist	503-273-2438	Air Quality; Fire Emissions and Dispersion, Air Quality Modeling	Air Quality and Atmospheric Change Training for NRCS Employees
Roel Vining	Natural Resources Specialist	503 273 2410	Agricultural Air Quality; Airborne Particulate Matter; Agricultural Meteorology; Cropping Systems for Air Quality; Website Development and Maintenance	Air Quality and Atmospheric Change Training for NRCS Employees, Conservation Management Systems; Agricultural Air Quality
Greg Zwicke	Environmental Engineer	503 273 2434	Agricultural air quality, Animal air quality, Air quality analysis and assessment, Air quality regulations, Air emissions characterization, quantification, and mitigation	Air Quality and Atmospheric Change Training for NRCS Employees, Why Do We Care About Agricultural Air Quality?, Air Quality Regulations

Water Quality and Quantity Team

Shaun McKinney	Leader	503-273-2413	Hydrology, Fisheries biology	
Joe Bagdon	Pest Management Specialist	413-253-4376	Pest management, WinPST, Agronomy	Boot Camp; Nutrient and Pest Management Considerations in

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
				Conservation Planning
Chris Gross	Nutrient Management Specialist	301-504-3954	Nutrient management related activities including practice standard and policy, NM planning technology tools, Manure Management Planner (MMP), Comprehensive Nutrient Management Plan (CNMP) policy/technology tools/implementation, NRCS Spatial Nutrient Management Planner (SNMP), general agronomy, animal waste management issues, AFO/CAFO, Nitrogen Trading Tool (NTT), NLEAP, Energy Estimator-Nitrogen, water quality related risk assessment tools, general water quality issues and modeling.	NRCS Boot Camp, Intro. to WQ, Nutrient and Pest Management Considerations in Cons. Planning, CORE4, Phosphorus in the Environment (in dev.), Nitrogen in the Environment (in dev.), NM/CNMP Planning Tool Rollout and Training.
Eric Hesketh	Soil Scientist	413-253-4374	Pest Management; WIN-PST (all versions); WIN-PST Soils; pesticide environmental issues; NAPRA and GLEAMS models; NRCS Pesticide Properties and Toxicity Database; N leaching index; Soils for modeling; nitrogen cycling; website development and maintenance; Visual Basic; database creation and management	Boot Camp; Nutrient and Pest Management Considerations in Conservation Planning; WIN-PST and NAPRA training.
Harbans Lal	Environmental Engineer	503-273-2441	Environmental Modeling Spatial Analysis Watershed Planning Market-based Approaches Tool Design and Development	Agricultural Engineering Ecosystem Trading Tools and Approaches NLEAP and NTT
William Merkel	Hydrology Team Leader	301-504-3956	WinTR-20, WinTR-55, HEC-RAS, AGNPS, GIS, NEH(Hydrology)	WinTR-20, WinTR-55, HEC-RAS, Hydrology Level 3 and 4, AGNPS, GIS/Hydrology
Helen Fox Moody	Hydraulic Engineer	301-504-3948	Hydrology, WinTR-20, WinTR-55 SITES	WinTR-20 WinTR-55
Dan Moore	Hydraulic Engineer	503-414-3054	Hydraulic modeling, water quality modeling, stream restoration design, computer model development	HecRas, AGNPS, Stream Corridor Restoration
Vacant	Pest Management Specialist	503-414-3061		
Clare Prestwich	Irrigation Engineer	503-414-3075	Irrigation design	Salinity in soil and water Center Pivot Design
Quan D. Quan	Hydraulic Engineer	301-504-3952	WinTR-20, WinTR-55, Sites, HEC-	Boot Camp, HEC-RAS, WinTR-20,

Name	Title	Phone	Expertise/Specialties/Duties	Training Courses
			RAS, AGNPS	WinTR-55, AGNPS
W. Barry Southerland	Fluvial Geomorphologist	503-273-2436	River restoration; Geomorphic Stream Analysis; Stream processes and planning; Stream and Watershed IDT planning; Stream channel evolution	NEDC Framework for Stream Corridor Restoration; NEDC Water Quality in Conservation Planning; Applications in Fluvial Geomorphology, Levels I & II
Fred Theurer	Agricultural Engineer	301-504-3962	Water Quality modeling, AGNPS	AGNPS
Pat Willey	Wetland/Drainage Engineer	503-414-3092	Drainage management, Wetland hydrology, Water budget	SPAW Water Budget Model; Drainmod Agricultural Drainage System Evaluation; Salinity Management (NEDC); Introduction to Water Quality (NEDC)