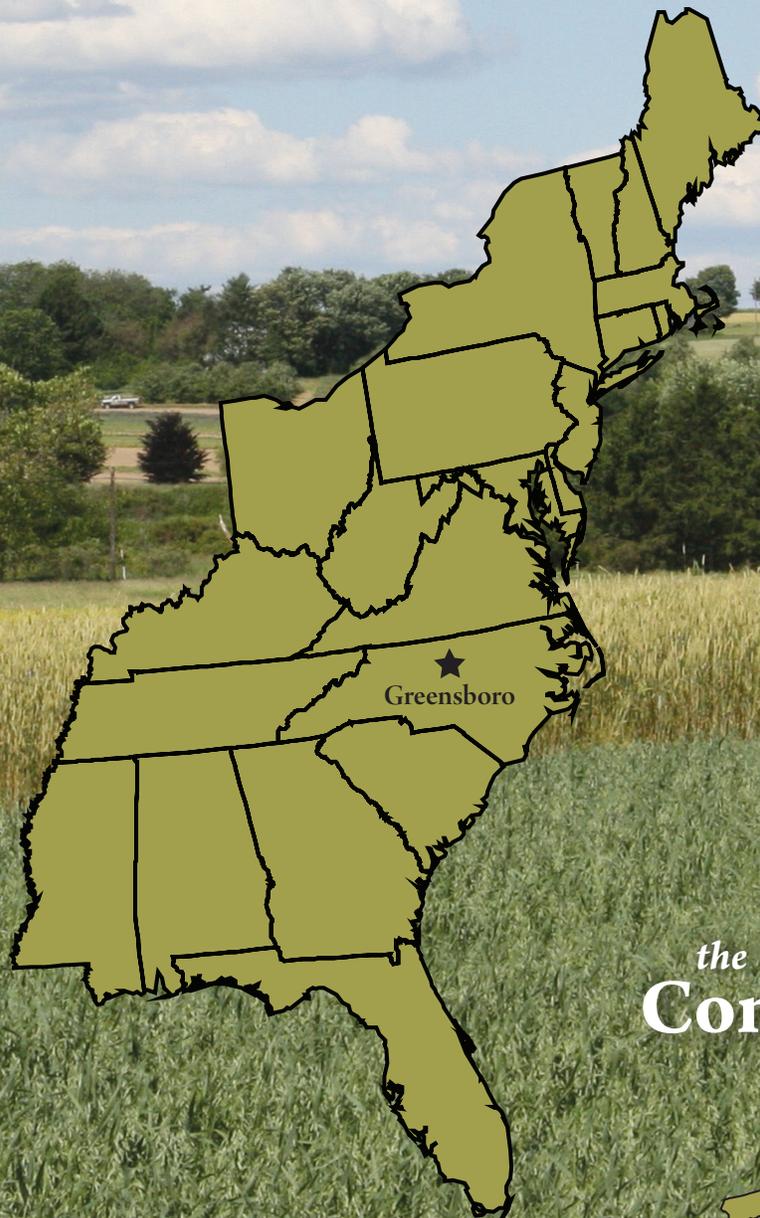




United States Department of Agriculture
Natural Resources Conservation Service

East National Technology Support Center



the Science of
Conservation,
We Deliver!

East National Technology Support Center

USDA NRCS East National Technology Support Center
 2901 E. Lee, Suite 2100
 Greensboro, NC 27401

Phone: 336-370-3364

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EXPERTISE DIRECTORY

Jump to [Manure Management](#), [Plant Data](#), [Soil Health](#), [Subject Matter](#), [Training](#)

Name	Title	Phone
Elvis Graves	Acting Director	336-370-3352
Charlene Wood	Executive Assistant	336-370-3364
Tracy Briscoe	Administrative Assistant	336-370-3332

<i>Technology Transfer and Assistance Team</i>				
Name	Title	Phone	Expertise/Specialties	Training Courses
Adamson, Nancy	Pollinator Conservation Specialist	336-370-3443	Ecological restoration, native plants and bees, pollinator conservation	Pollinator Conservation
Archuleta, Ray	Conservation Agronomist	336-370-3360	Soil Quality, Nutrient Management, Soil Salinity	Soil Health and Sustainability for Field Staff
Brant, Gail	Sociologist 705 Colin Ct, Royersford, PA 19468	610-792-9207	Conflict Resolution, Social Aspects Working with Minority Farmers; Estimating Program Participation Rates; Leadership Identification; Cultural Diversity and Workplace Communication; Social Survey Design; Social Indicators of Watershed Health; Team Building	Adoption/Diffusion of Conservation Technologies
Brown, Leander	Soil Scientist	336-370-3335	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, Wetland Identification and Delineation, Hydric Soils Identification

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Technology Transfer and Assistance Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Burns, Anthony	National Technology Specialist	336-370-3358	Conservation Practice System (CPS), Conservation System Guides (CSG), Field Office Technical Guide	Practice Standards Writing Workshop, Orientation for New Employees
Farahani, Hamid	Water Management Engineer	336-370-3350	Irrigation, Drainage, Water Management, Agricultural Geophysics, Conservation Innovation Grants	Energy Purpose/Consideration in Irrigation Practices
Garner, Ramona	Plant Materials Specialist	336-370-3340	Plant and technology related development protocols, Assistance to 10 Plant Materials Centers and associated Plant Materials Specialists and other state staff specialists; ENERGY contact	Biology of Shrubs; Conservation planning
Gullett, Kale	Fisheries Biologist	336-370-3343	Aquatic Ecology, Fluvial Geomorphology, Watershed Hydrology, Stream Restoration, Water Resource Management, Aquatic Organism Passage, Instream Flow, National Fish Habitat Action Plan, SVAP, Conservation Biology.	Stream Corridor Restoration; Conservation Practice Standards Writing; Riparian Buffers; Fish and Wildlife Habitat Conservation and Management
Hall, Michael	GLCI Specialist	336-370-3344	Grazing Land Conservation Initiative (GLCI), C-Graze Software, Native Warm Season Grasses, Silvopasture, Grazing Management	Conservation Planning on Grazing Lands
Hardee, Gene	Conservation Agronomist		RUSLE 2, WEQ, Cropping Systems/Residue Mgt., Pest Mgt. & WIN-PST, Agronomy Standards, Nutrient Mgt.	NEDC Nutrient and Pest Mgt., RUSLE 2 Training, WIN-PST, Conservation Planning, Soil Health and Sustainability for Field Staff
Henry, Jr. Albert (Hank)	Wildlife Biologist	336-370-3349	Developing Wildlife Habitat Indices, Designing conservation corridors to reduce habitat fragmentation, Wildlife habitat on wetland restoration sites, Wildlife Habitat Management, Non-game wildlife	Conservation Buffers, Understanding the Landscape, Integrating Fish and Wildlife into Conservation Planning, Pollinators Workshops

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Technology Transfer and Assistance Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Kuykendall, Holli	Ecologist	336-370-3341	Development of soil quality assessment, educational and promotional publications; Soil Quality webmaster; Product marketing; Manure Management Planner (MMP) software contact	Soil Health and Sustainability for Field Staff
Lamm, David	Natural Resources Specialist	336-370-3339	Conservation issues related to organic and specialty crops; cropping systems and cover crops to improve soil quality; conservation technical support for CSP	Soil Health and Sustainability for Field Staff, Conservation planning on organic farms, Understanding Organic System Plans
Ogles, Kevin	GLCI (Grazing Lands Specialist)	336-370-3366	Prescribed Grazing, Fence, Watering Systems for Livestock, Conservation Planning, GLCI Committees Function and Process, Nutrient Management on Pasture, Pastureland Ecology NEDC course Tech. Rep., GSAT software regional contact	Prescribed Grazing System Planning, Fencing Systems for Livestock, Watering Systems for Livestock, Nutrient Management Planning on Pasture Systems
Ransom, Madalene	Economist	336-370-3357	Cost Estimation, Excel, GIS raster economic analysis, GIS data, Watershed Planning, Economic Theory, Cost and cost list work, benefit-cost analysis	NRCS Cost & Cost List, GIS, Workshop, Benefit-Cost Analysis
Reck, William (Bill)	Environmental Engineer	336-370-3353	Agricultural Waste / Manure Management; CNMPs; Non-point Source Water Quality & Modeling; Conservation Innovative Grants; Hydrology; Wetland Restoration & Treatment; Watershed Planning; TMDLs; Waterway Design Tool; Air Quality Contact	Conservation Practice Standards Writing Workshop, Hydrology Tools for Wetland Restoration and Determination, Wetland Restoration and Enhancement
Robinson, Kerry	Hydraulic Engineer	336-370-3348	Hydraulic structures, physical modeling, stream restoration and stable channel design. Concentrated flow erosion. Hydraulics of RCC spillways	Stream Restoration, Riprap sizing

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Technology Transfer and Assistance Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Smith, Kristin	Ecologist (Environmental Compliance)	336-370-3362	Ecology; Environmental coordination, policy and guidance relating to conservation planning, NEPA, NHPA, ESA, and other special environmental concerns; Environmental Assessments and Impact Statements; Biological Assessments	Environmental considerations in NRCS conservation planning process; NRCS-CPA-52 worksheet ; Compliance with NEPA, ESA, other environmental laws and agency requirements
Ward, Tom	Forester	336-370-3361	Agroforestry, Riparian Forest Buffers, Woodland Management, Forestry, Silvopasture, Windbreaks	Conservation Buffers Course
Woodruff, Steve	Agronomist (Grazing Lands)	336-370-3346	Forage management specialist, dairy cow nutrition, Forage Suitability Groups, pasture condition scoring protocols, pasture land software, nutrient management, NRI inventory, rotation systems, and pest management.	NRCS technical leader and instructor for NEDC courses - Pasture Ecology I, Pasture Ecology II, Soil Health and Sustainability for Field Staff
Vacant	National Technology Specialist	336-370-3347		

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EXPERTISE DIRECTORY (continued)

National Manure Management Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Boyd, William	Manure Management Team Leader	336-370-3334	Manure Processing and Manure Management Technologies	Waste Management Water Quality Area Wide Planning
Porter, Jeff	Environmental Engineer	336-370-3342	Manure Management, Unit Operations and Processes	CNMP policy and development
Vacant	Conservation Agronomist	336-370-3395	Manure Management, Nutrient Management, grants assistance, livestock production, document editing.	Alternative Manure Management Technology

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National Plant Data Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Moore, Gerry	PLANTS Team Leader	336-370-3337	Plant taxonomy and nomenclature; plant identification, especially grasses and sedges; plant conservation	
Anderson, Marion "Kat"	EthnoEcologist USDA Service Center 430 G Street #4164 Davis, CA 95616	530-792-5670	Ethnobotany; Indigenous Resource Management; National Technological Notes; Plant Guides; Wild Foods Database;	How to Work with Tribes, Indigenous Judicious Harvesting Techniques, and Stewardship Methods and Potential Conservation Benefits
Garland, Mark	Botanist	336-370-3336	Plant identification, plant nomenclature, wetland delineation	
Goldman, Doug	Botanist	336-370-3338	Plant taxonomic expertise, plant data quality management, data updates, contract management.	

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EXPERTISE DIRECTORY (continued)

National Soil Health and Sustainability Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Archuleta, Ray	Conservation Agronomist	336-370-3360	Soil Quality, Nutrient Management, Soil Salinity	Soil Health and Sustainability for Field Staff
Brown, Leander	Soil Scientist	336-370-3335	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, Wetland Identification and Delineation, Hydric Soils Identification
Hardee, Gene	Conservation Agronomist		RUSLE 2, WEQ, Cropping Systems/Residue Mgt., Pest Mgt. & WIN-PST, Agronomy Standards, Nutrient Mgt.	NEDC Nutrient and Pest Mgt., RUSLE 2 Training, WIN-PST, Conservation Planning, Soil Health and Sustainability for Field Staff
Kuykendall, Holli	Ecologist	336-370-3341	Development of soil quality assessment, educational and promotional publications; Soil Quality webmaster; Product marketing; Manure Management Planner (MMP) software contact	Soil Health and Sustainability for Field Staff
Lamm, David	Natural Resources Specialist	336-370-3339	Conservation issues related to organic and specialty crops; cropping systems and cover crops to improve soil quality; conservation technical support for CSP	Soil Health and Sustainability for Field Staff, Conservation planning on organic farms, Understanding Organic System Plans
Woodruff, Steve	Agronomist (Grazing Lands)	336-370-3346	Forage management specialist, dairy cow nutrition, Forage Suitability Groups, pasture condition scoring protocols, pasture land software, nutrient management, NRI inventory, rotation systems, and pest management.	NRCS technical leader and instructor for NEDC courses - Pasture Ecology I, Pasture Ecology II, Soil Health and Sustainability for Field Staff

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SUBJECT MATTER DIRECTORY

Subject	ENTSC Contact
Adoption/Diffusion of Conservation Technologies	Gail Brant
Advisory Board Executive Secretary	
Agricultural Engineering	
Agricultural Waste Management	Bill Reck
Agroforestry	Tom Ward
Air Quality Contact (ENTSC)	Bill Reck, Jeff Porter
Aquatic Ecology Considerations	Kale Gullett
Benefit-Cost Analysis	Madalene Ransom
Biological Assessments	Kristin Smith
Carbon Sequestration	Leander Brown
C-Graze Software	Michael Hall
CNMP	Bill Reck, Jeff Porter
Communication -Workplace	Gail Brant
Concentrated Flow Erosion	Kerry Robinson
Conservation Practice Standard (CPS) Web Application	Anthony Burns
Conservation Practice Standards	Bill Reck
Conservation System Guides (CSG)	Anthony Burns
Cost and Cost List	Madalene Ransom
Cropping Systems	Gene Hardee
Cross-Cultural Communication	Gail Brant
Cultural Diversity	Gail Brant
Cultural Sensitivity	Gail Brant
Endangered Species Act (ESA)	Kristin Smith
Energy Contact (ENTSC)	Ramona Garner
Environmental Assessments	Kristin Smith
Environmental Conflict Facilitation	Gail Brant
Environmental Coordination, Policy and Guidance Relating to Conservation Planning	Kristin Smith
Environmental Evaluation / CPA-52 form	Kristin Smith
Environmental Impact Statements	Kristin Smith
Fence	Michael Hall, Kevin Ogles
Field Office Technical Guide	Anthony Burns
Fisheries and Aquatic Ecology	Kale Gullett
Fluvial Geomorphology	Kale Gullett
Forage Management	Steve Woodruff
Forage Suitability Groups	Steve Woodruff
FPPC Assistance	Jeff Porter
GIS Raster Economic Analysis	Madalene Ransom
Grazing Land Conservation Initiative (GLCI)	Michael Hall, Kevin Ogles
Habitat Conservation and Restoration Techniques	Kale Gullett
Habitat Management	Hank Henry

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Subject	ENTSC Contact
Hydraulic Structures	Kerry Robinson
Hydraulics of RCC Spillways	Kerry Robinson
Hydric Soils Identification	Leander Brown
Hydrology Physical Modeling	Kerry Robinson
Irrigation Software (CPED, IWR, FIRI)	Hamid Farahani
Irrigation, Drainage	Hamid Farahani
Laws, Executive Orders and Agency Policies Relating to “Special Environmental Concerns”	Kristin Smith
Locally-Led Conservation	Anthony Burns
Manure Management	William Boyd
Manure Management – Alternative Technology	William Boyd
Manure Management – Unit Processes	Jeff Porter
Manure Processing and Manure Management Technologies	William Boyd
Manure Management Planner (MMP) Software	Holli Kuykendall
National Environmental Policy Act (NEPA)	Kristin Smith
National Fish Habitat Initiative	Kale Gullett
National Historic Preservation Act (NHPA)	Kristin Smith
Native Warm Season Grasses	Michael Hall
Non-point Source Water Quality & Modeling	Bill Reck
Nutrient Management	Gene Hardee
Nutrient Management on Pasture	Kevin Ogles
Organic Production Systems	David Lamm
Outreach to Underserved Audiences	Holli Kuykendall
Pasture Condition Scoring Protocols	Steve Woodruff
Pest Management	Gene Hardee
Prescribed Grazing	Michael Hall, Kevin Ogles
Pollinator Conservation	Nancy Adamson
Residue Management	Gene Hardee
Residue Removal for Biomass Energy	Ray Archuleta
Riparian Forest Buffers	Tom Ward
RUSLE 2	Gene Hardee
Salinity	Ray Archuleta
Silvopasture	Michael Hall, Tom Ward
Small Farms Conservation Technology	Holli Kuykendall, David Lamm
Social Marketing	Gail Brant
Social Survey Design	Gail Brant
Soil and Water Chemistry	Leander Brown
Soil Biology, Systems Ecology	Ray Archuleta, Holli Kuykendall
Soil Data Mart	Leander Brown
Soil Data Viewer	Leander Brown
Soil Health Assessment	Ray Archuleta, Holli Kuykendall, David Lamm, Gene Hardee

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Subject	ENTSC Contact
Soil and Water Management	Ray Archuleta
Southeast Quail Initiative	Hank Henry
Stream Restoration	Kale Gullett
Stream Restoration and Stable Channel Design	Kerry Robinson
Stream Visualization Assessment Protocol (SVAP)	Kale Gullett
Sustainable Agriculture	David Lamm
Technical Soil Services	Leander Brown
Terrace Design Tool	
TMDL	Bill Reck
Water Balance Software (SPAW, DRAINMOD)	Hamid Farahani
Water Management	Hamid Farahani
Watering Systems for Livestock	Kevin Ogles
Watershed Planning	Bill Reck
Waterway Design Tool	Bill Reck
Website Design, SharePoint Assistance	Holli Kuykendall
Web Soil Survey	Leander Brown
Wetland Identification and Delineation	Leander Brown
Wetland Restoration & Treatment (Hydrology)	Bill Reck
Wildlife (Non-game)	Hank Henry
Wildlife Habitat Suitability Index	Hank Henry
Wind Erosion (WEQ)	Gene Hardee
Windbreaks	Tom Ward
WIN-PST	Gene Hardee
Woodland Management, Forestry	Tom Ward

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TRAINING DIRECTORY

Training Course or Workshop	ENTSC Contact
Benefit-Cost Analysis	Madalene Ransom
CNMP Workshop	Jeff Porter
Compliance with NEPA, ESA, Other Environmental Laws and Agency Requirements	Kristin Smith
Conflict Resolution	Gail Brant
Conservation Buffers	Kale Gullett, Richard Oliver, Hank Henry
Conservation Planning on Grazing	Michael Hall
Conservation Practice Standards Writing Workshop	Anthony Burns, Bill Reck, Kale Gullett
Consultation with American Indian Governments	
Cost & Cost List Workshop for NRCS	Madalene Ransom

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Training Course or Workshop	ENTSC Contact
Developing Skills to Involve Communities in Implementing Locally Led Conservation	
Environmental Considerations in NRCS Conservation Planning	Kristin Smith
Fencing Systems for Livestock	Kevin Ogles
Fish and Wildlife Habitat Conservation and Management	Kale Gullett
Hydric Soils Identification	Leander Brown
Hydrology Tools for Wetland Restoration and Determination	Bill Reck
Integrating Fish and Wildlife into Conservation Planning	Hank Henry
Manure Management	William Boyd, Bill Reck
National or State-Specific CPA-52 Form	Kristin Smith
Nutrient and Pest Management	Gene Hardee
Nutrient Management Planning on Pasture Systems	Kevin Ogles
Orientation for New Employees	Anthony Burns
Outreach Workshops	Holli Kuykendall
Pasture Ecology I	Steve Woodruff
Pasture Ecology II	Steve Woodruff
Pastureland Ecology NEDC course	Kevin Ogles
Pollinators	Hank Henry
Prescribed Grazing System Planning	Kevin Ogles
Riprap sizing	Kerry Robinson
RUSLE 2	Gene Hardee
Social Aspects Working with Farmers	Gail Brant
Soil Health and Sustainability for Field Staff	Holli Kuykendall
Soil Technology – Application of Soil Data Viewer and ArcGIS in Technical Soil Services	Leander Brown
Stream Corridor Restoration	Kale Gullett
Stream Restoration	Kerry Robinson
Understanding the Landscape	Hank Henry
Watering Systems for Livestock	Kevin Ogles
Wetland Identification and Delineation	Leander Brown
WIN-PST	Gene Hardee
Working Between Cultures	Gail Brant

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