



East National Technology Support Center

USDA-NRCS-East National Technology Support Center
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 Greensboro, NC 27401-4901

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Expertise and Subject Matter Directory

Name	Title		Phone	
Carolyn Adams	Director		336-370-3352	
Vacant	Public Affairs Specialist			
Charlene Wood	Administrative Assistant		336-370-3364	
Tracy Briscoe	Administrative Assistant (Technology Development Teams)		336-370-3332	
Core Team				
Name	Title	Phone	Expertise/Specialties	Training Courses
Gail Brant	Sociologist 705 Colin Ct, Royersford, PA 19468	610- 792- 9207	Adoption/Diffusion of Conservation Technologies; Workplace Communication; Cultural Diversity; Social Survey Design Social Indicators of Watershed Health Team Building	Conflict Resolution, Social Aspects Working with Minority h Farmers Estimating Program Participation Rates Leadership Identification
Leander Brown	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
Anthony Burns	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

Vacant	Agronomist (Grazing Lands)		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.	
Ramona Garner	Plant Materials Specialist	336-370-3340	Plant and plant technology related protocols, technical assistance to plant materials centers, experimental design, plant..	
Elvis Graves	National Technology Specialist	336-370-3347	Advisory Board Executive Secretary; ENTSC Air Quality Contact, ENTSC Energy Contact	
Ron Gronwald	Agricultural Engineer (Water Management)	336-370-3355	Irrigation, Drainage, Water Management, Salinity, Conservation Innovation Grants	
Kale Gullett	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.	Conservation Buffers; Fish and Wildlife Habitat Conservation and Management; Stream Corridor Restoration; Conservation Practice Writing Workshop
Michael Hall	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.
Albert (Hank) Henry, Jr.	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
David Lamm	Natural Resource Specialist	336-370-3339	Small farm, organic farming, and specialty crops	
Madalene Ransom	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

Philip McLoud	Agricultural Engineer	336-370-3354	Agricultural Engineering, Small Farms Conservation Technology, CNMPs, Conservation Practice Standards	Conservation Practice Writing Workshop, CNMP Workshop
Kevin Ogles	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
Tom Ward	Forester	336-370-3351	Agroforestry, Riparian Forest Buffers, Forest Management, Prescribed Burning, Tree Planting, Direct Seed, Silvopasture and Windbreaks	
William (Bill) Reck	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	Conservation Practice Standards Writing Workshop, Hydrology Tools for Wetland Restoration and Determination, Wetland Restoration and Enhancement
Dr. Kerry Robinson	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.
Kristin Smith	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 form (national or state-specific); Compliance with NEPA, ESA, other environmental laws and agency requirements
Gene Hardee	Conservation Agronomist	336-370-3365	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

<i>Manure Management Team</i>				
William H. Boyd	Manure Management Team Leader	336-370-3334	Manure Processing and Manure Management Technologies	Waste Management Water Quality Area Wide Planning
Jeff Porter	Environmental Engineer	336-370-3342	Manure Management, Unit Operations and Processes	
Vacant	Conservation Agronomist	336-370-3395	Manure Management, Nutrient Management, grants assistance, livestock production, document editing.	Alternative Manure Management Technology

<i>Social Science Team</i>				
Dr. Frank Clearfield	Social Sciences Team Leader	336-370-3336	Information gathering methods such as surveys and focus groups; evaluation methods; estimating participation; certified to implement self assessments such as leadership and Myers Briggs, outreach issues; and all related social science policy.	Training in locally led planning, outreach, diversity recruitment and retention
Kim Bradford	Sociologist	336-370-3338	Outreach to underserved audiences, cultural sensitivity, environmental justice, diversity, locally led conservation, survey development and analysis, cross cultural communications, MBTI certified	Developing Your Skills to Involve Communities in Implementing Locally Led Conservation
Vacant	Anthropologist		Methods of working with different cultures and ethnicities, social data collection methods, incorporating the human element in planning, cross cultural communication, social marketing, environmental conflict facilitation	

<i>Soil Quality Team</i>				
Dr. Susan Andrews	Soil Quality Team Leader	336-370-3337	Soil quality assessment; systems ecology; soil ecology; decision support tool development; residue removal for bioenergy; carbon sequestration	Soil Quality Assessment and Applications for Field Staff
Ray Archuleta	Conservation Agronomist	336-370-3360	Soil Quality, Nutrient Management, Soil Salinity	Soil Quality Assessment and Applications for Field Staff
Dr. Charles E. Kome	Soil Scientist	336-370-3363	Soil quality assessment; soil water management and modeling; soil and water chemistry	Soil Quality Assessment and Applications for Field Staff, Soil Testing and Water Analysis
Dr. Holli Kuykendall	Ecologist	336-370-3341	Soil Quality assessment; Development of assessment, educational and promotional publications; Soil Quality webmaster; Grazing Lands management and ecology	Soil Quality Assessment and Applications for Field Staff – pastureland module development; Rangeland Soil Quality
Dr Faustin Iyamuremye	Soil Scientist	336-370-3395	Soil quality, soil biology and soil chemistry	

Subject Matter Directory

Subject	ENTSC Contact
Adoption/Diffusion of Conservation Technologies	Gail Brant
Advisory Board Executive Secretary,	Elvis Graves
Agricultural Engineering	Phil McLoud
Agricultural Waste Management;	Bill Reck
Agroforestry	Tom Ward
Air Quality Contact (ENTSC)	Elvis Graves
Aquatic ecology considerations	Kale Gullett
Benefit-cost analysis	Madalene Ransom
Biological Assessments	Kristin Smith
Carbon Sequestration	Susan Andrews
C-Graze Software	Michael Hall
CNMP	Phil McLoud, Bill Reck
Communication -Workplace	Gail Brant
Concentrated flow erosion	Kerry Robinson
Conservation Practice Standard (CPS) Web Application	Anthony Burns
Conservation Practice Standards	Phil McLoud, Bill Reck
Conservation System Guides (CSG)	Anthony Burns
Cost and cost list	Madalene Ransom
Cropping Systems	Vacant
Cultural Diversity	Gail Brant
Cultural sensitivity	Kim Bradford
Dairy cow nutrition	Michael Hall, Kevin Ogles
Endangered Species Act (ESA)	Kristin Smith
Energy Contact (ENTSC)	Elvis Graves
Environmental Assessments	Kristin Smith
Environmental coordination, policy and guidance relating to conservation planning	Kristin Smith
Environmental Evaluation / CPA-52 form	Kristin Smith
Environmental Impact Statements	Kristin Smith
Environmental justice	Kim Bradford
Fence	Michael Hall, Kevin Ogles
Field Office Technical Guide	Anthony Burns
Fisheries and Aquatic Ecology	Kale Gullett
Fluvial Geomorphology	Kale Gullett
Forage management	Michael Hall, Kevin Ogles
Forage Suitability Groups	Michael Hall, Kevin Ogles
FPPC assistance	Jeff Porter
Forest Management	Tom Ward
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
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)	Ron Gronwald
Irrigation, Drainage	Ron Gronwald
Laws, Executive Orders and agency policies relating to “Special Environmental Concerns”	Kristin Smith
Locally led conservation	Kim Bradford
Manure Management	Susan McLoud
Manure Management – Alternative Technology	Susan McLoud
Manure Management – Unit Processes	Jeff Porter
Manure Processing and Manure Management Technologies	William Boyd
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	Susan McLoud
Nutrient Management on Pasture	Kevin Ogles
Outreach to underserved audiences	Kim Bradford
Organic Farming	David Lamm
Pasture condition scoring protocols	Michael Hall, Kevin Ogles
Pest Management.	Gene Hardee
Prescribed Burning	Michael Hall, Hank Henry, Tom Ward
Prescribed Grazing	Michael Hall, Kevin Ogles
Residue Mgt	Gene Hardee
Residue removal for biomass energy	Susan Andrews
Riparian Forest Buffers	Hank Henry
RUSLE 2	Gene Hardee
Salinity	Ron Gronwald, Ray Archuleta
Silvopasture	Michael Hall
Small Farms Conservation	David Lamm, Phil McLoud
Specialty Crops	David Lamm
Social Survey Design	Gail Brant
Soil and water chemistry	Charles Kome
Soil biology, systems ecology	Susan Andrews
Soil Data Mart	Leander Brown
Soil Data Viewer	Leander Brown
Soil Management Assessment Framework	Susan Andrews
Soil Quality assessment	Susan Andrews , Charles Kome, Holli Kuykendall
Soil water management and modeling	Charles Kome
Southeast Quail Initiative	Hank Henry
Stream Restoration	Kale Gullett
Stream restoration and stable channel design	Kerry Robinson
Stream Visualization Assessment Protocol (SVAP)	Kale Gullett
Technical Soil Services	Leander Brown
Terrace Design Tool	Phil McLoud
TMDL	Bill Reck

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Tree Planting and Direct Seed	Tom Ward
Water Balance Software (SPAW, DRAINMOD)	Ron Gronwald
Water Management	Ron Gronwald
Watering Systems for Livestock	Kevin Ogles
Watershed Planning	Bill Reck
Waterway Design Tool	Bill Reck
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

Training

Training Course or Workshop	ENTSC Contact
Benefit-Cost Analysis	Madalene Ransom
CNMP Workshop	Phil McLoud
Compliance with NEPA, ESA, other environmental laws and agency requirements	Kristin Smith
Conflict Resolution,	Gail Brant
Conservation Buffers	Kale Gullett, Hank Henry
Conservation Planning on Grazing	Michael Hall
Conservation Practice Standards Writing Workshop	Anthony Burns, Phil McLoud, Bill Reck, Kale Gullett
Cost & Cost List Workshop for NRCS	Madalene Ransom
Developing Grant Proposals	Susan McLoud
Developing Skills to Involve Communities in Implementing Locally Led Conservation	Kim Bradford
Environmental considerations in NRCS conservation planning	Kristin Smith
Fencing Systems for Livestock	Kevin Ogles
Fish and Wildlife Habitat Conservation and Management	Kale Gullett
Forest Stand Improvement	Tom Ward
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
Pasture Ecology I	Michael Hall
Pasture Ecology II	Kevin Ogles
Pastureland Ecology NEDC course	Kevin Ogles

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Pollinators	Hank Henry
Prescribed Burning	Tom Ward
Prescribed Grazing System Planning	Kevin Ogles
Rangeland Soil Quality	Holli Kuykendall
Riparian Forest Buffers	Tom Ward
Riprap sizing.	Kerry Robinson
RUSLE 2	Gene Hardee
SilvoPasture	Tom Ward
Social Aspects Working with Farmers	Gail Brant
Soil Quality Assessment and Applications for Field Staff	Susan Andrews
Soil Technology – Application of Soil Data Viewer and ArcGIS in Technical Soil Services	Leander Brown
Soil Testing and Water Analysis	Charles Kome
Stream Corridor Restoration	Kale Gullett
Stream Restoration	Kerry Robinson
Tree/Shrub Establishment	Tom Ward
Understanding the Landscape	Hank Henry
Watering Systems for Livestock	Kevin Ogles
Wetland Identification and Delineation	Leander Brown
WIN-PST	Gene Hardee
Windbreak Technology	Tom Ward