

CONSERVATION ENGINEERING STAFF RESPONSIBILITIES¹

Vision: *Excellence in Conservation, by Design*

Mission: *Leading innovative engineering solutions to natural resources conservation*

Director – Noller P. Herbert, P.E.

- Leadership and Supervision
- Engineering policy and direction
- Engineering advice and guidance to Chief and top leadership
- USDA Dam Safety Officer
- NRCS Dam Safety Officer and USDA's representative on ICODS
- Engineering job approval authority process
- National Design, Construction, Soil Mechanics Center
- National Soil Mechanics Laboratories
- National Water Management Center
- Geological Services Unit (GSU)
- Conservation Innovation Grant (CIG)
- Water Resources Programs – Emergency Watershed Protection Program, Watershed Protection and Flood Prevention Program, Watershed Surveys and Planning, Watershed Operations, and Watershed Rehabilitation

National Agricultural Engineer – Wayne Bogovich, P.E.

- Engineering leadership for Field Office Technical Guide (FOTG)
- National Conservation Practice Standards (CPS) (163), plus Interim Practice Standards
- National CPS Data Steward
- Chair, National Conservation Practice Standards Subcommittee (NCPSS)
- Energy lead for S&T
- Chief's Nationalization of Conservation Practice Documents Streamlining initiative (CPD)
- National Conservation Planning Manual
- Erosion prediction technology
- Engineering Business Area Advisory Group (EBAAG)
- S&T contact for Combined State Reviews
- American Society of Agricultural and Biological Engineers (ASABE) Liaison
- Boy Scouts of America Environmental/Conservation Task Force Liaison

National Civil Engineer – David Thackeray, P.E.

- Engineering policy and directive issues
- Professional practice and general engineering issues
- CED budget coordination

National Construction Engineer – David Pacheco, P.E.

- ASTM and AWWA standards coordination
- Construction management
- Maintenance of materials specifications and construction specifications

¹ This reference chart is not a complete list of duties. The listed items highlight cross-cutting or team leadership responsibilities.

- Contract Administration coordination
- COR for rehabilitation assessments, watershed planning, design and construction management task orders under IDIQ A&E contracts
- International Erosion Control Association (IECA) Liaison
- Land Improvement Contractors Association (LICA) Liaison
- Association of General Contractors (AGC) Liaison
- Radiation Safety Division (RSD) Liaison and agency radiation safety coordination

National Design Engineer – Steve Durgin, P.E.

- Dam safety and dams inventory
- Engineering job approval
- ASDSO liaison
- Design standard variance requests
- Review of Engineering reports
- Represents Director on Inter-Agency Committee on Dam Safety (ICODS)
- Represents Director on National Dam Safety Review Board (NDSRB)
- Coordinates engineering research activities with Agricultural Research Service (ARS)
- Represents Director on DHS – National Infra-structure Protection Plan – Dam Sector – Governmental Coordinating Council (GCC)
- ACI Standards Coordination

National Environmental Engineer – Bill Reck, P.E., Acting

- Agricultural manure and waste management
- Manure Management Planning (CNMP)
- Animal Waste Management Design Software
- Agricultural Water quality
- Mortality management
- Pathogen management
- NFWF Chesapeake Bay CIG technical contact
- USDA-EPA CED liaison
- Farm Pilot Project coordination
- Energy coordination (methane conversion, wind, etc.)

National Geologist – John Moore

- Sedimentation
- Groundwater/Hydrogeology
- Geomorphology
- Engineering Geology
- Auxiliary Spillway Erosion Technology
- Represents USDA on National Dredging Team, with emphasis on coordination of watershed sediment management with beneficial uses of dredged materials from navigation projects
- Agency Membership on the Advisory Committee for Water Information, Subcommittee on Sedimentation (SOS)
- Project Manager for Geological Services Unit (GSU), comprised of 32 NRCS geologists in 26 states, providing nationwide services, funded entirely through CED

National Hydraulic Engineer – Claudia Hoeft, P.E.

- Hydrology and Hydraulics
- ARS Hydrology Lab liaison

- Climate and meteorology
- Climate Change
- Stormwater management
- Water supply and conservation
- Member of Advisory Committee on Water Information Subcommittee on Hydrology
- Represent Director on Department of Homeland Security, National Infrastructure Protection Plan (NIPP) Government Coordinating Council—Water Sector
- American Society of Civil Engineer (ASCE) Watershed Management Technical Committee

National Landscape Architect – Robert Snieckus, F.A.S.L.A., P.L.A.

- Standards and Environmental Policy
- Community assistance
- Visual assessment and simulation
- USDA People’s Garden Initiative
- Soil Bioengineering
- Stream and Wetland Restoration
- ASLA, ASAE & International Association of Landscape Ecology liaison
- Technical Development of landscape architecture staff
- Watershed Project development review

National Water Management Engineer – Rob Sampson, P.E.

- Irrigation Water Management
- Livestock Water Management
- Drainage Water Management
- Wetlands Restoration/Creation
- USDI-Bureau of Reclamation Liaison
- USDI-Bureau of Indian Affairs Irrigation Liaison
- USDA-ARS Irrigation liaison
- Irrigation Association liaison
- Subcommittee on Water Quality and Availability member
- Agricultural Drainage Management Systems Task Force co-chair
- Bridging-the-Headgate Partnership Member
- 2008 Farm Bill Cost-share program coordination

National Engineering Software Coordinator – Carol Drungil, P.E., Ph.D.

Located in Ft. Collins, CO

- Engineering Software Development, Procurement, and Certification
- Information Technology Center liaison – S&T deputy area wide
- Chief’s Cost Savings and Streamlining initiatives (CDSI)
- Engineering tools integration (GPS, GIS, CAD, CADD)

Program Specialist – Nancy Magee, Program Analyst, BBA

Located in Madison, MS

- Budget
- ROOT Open Obligations
- Web site
- Staffing Plan
- Computer Inventory

Administrative Assistant – Marinda Guagenti, MBA

- (Support provided through the Administrative Unit)
- Secretary to the Director
- Correspondence Management
- Office Management and Scheduling
- Mail and Travel Management
- Time and Attendance
- Order Forms, Publications, and Supplies