

Chesapeake Bay Program Partnership's BMP Verification Review Panel Members' Short Bios and Full Contact Information

Curtis Dell

Curtis Dell received a B.S. in Agronomy (1985) and M.S. in Soil Microbiology (1991) from Purdue University, and a Ph.D. in Soil Microbiology from Kansas State University (1998). After completing my PhD, I spent one year as a Congressional Science Fellow in the office of U.S. Senator Kent Conrad of North Dakota and two years as a post-doctoral Research Associate at Michigan State University. Since 2001, I have been a Research Soil Scientist with the USDA-ARS at University Park, Pennsylvania. My research has focused on carbon and nitrogen cycling in agricultural soils and the impact of nutrient management on water and air quality. I currently lead projects studying impacts of using various manure application equipment on ammonia and nitrous oxide emissions from soil; soil carbon sequestration and nitrous oxide emissions with switchgrass grown for biofuel feedstocks and in sustainable dairy forage rotations; and utilization of slow release and inhibitor-treated nitrogen fertilizers to reduce nitrogen gas emissions and enhance crop uptake. I am also part of a team researching impacts of various aspects of manure management on water quality. Currently, I am on a special assignment as with USDA-NRCS as Science Advisory for the Chesapeake Bay Watershed, where I am providing input on the new and modified agricultural conservation practices to help reduce nutrient inputs into the Bay.

Research Soil Scientist, USDA-ARS-Pasture Systems and Watershed Management Research Unit; USDA-NRCS Science Advisor for the Chesapeake Bay Watershed; and, Adjunct Associate Professor, Ecosystem Science and Management Department, Penn State University.

Curtis Dell
USDA-ARS-PSWMRU
Building 3702, Curtin Road
University Park, PA 16802
814-863-0984 (office)
814-880-0366 (cell)
Curtis.Dell@ars.usda.gov

Mike Gerel

Mike Gerel leads Sustainable Northwest's work in the Klamath River Basin to help resolve years of high profile water disputes and bring environmental and economic health to a region uniquely rich in biodiversity, agricultural productivity, culture. He has 20 years' experience directing complex water resource science and policy efforts with stops at the Chesapeake Bay Foundation, Sustainable Conservation, the Virginia Department of Conservation, and U.S. EPA contractors. Mike was integral to the creation of the landmark new plan that will guide restoration of the Chesapeake Bay ecosystem. He is a skilled communicator and strategic thinker with a special knack for finding science-based, collaborative solutions that balance the needs of natural resources and people. Mike has a Masters in Environmental Science & Policy from Johns Hopkins University, Bachelors in Biology from the University of Richmond, is a fellow with the Virginia Natural Resource Leadership Institute, and serves on an U.S. EPA Chesapeake Bay restoration practice verification expert panel. Mike is both an avid outdoorsman and indoorsman,

enjoying hiking, biking, independent music, baseball on TV, and trying to keep up with his fiancée Jess and 3-year old lab Moka.

Mike Gerel
Klamath Program Director
Sustainable Northwest
813 SW Alder Street, Suite 500
Portland, Oregon 97205
503-221-6911 x106
mgerel@sustainablenorthwest.org

Tim Gieseke

Rebecca Hanmer

Rebecca W. Hanmer is a member of the Chesapeake Bay Program's Citizens Advisory Committee. She retired in 2007 after a four decade government career that included over 30 years in the U.S. Environmental Protection Agency. At EPA, she held a number of senior positions, including Director of EPA's Office of Federal Activities; Deputy Regional Administrator in Region I (Boston); Regional Administrator in Region IV (Atlanta); Director, HQ Office of Water Enforcement and Permits; Deputy Assistant Administrator for Water and Acting Assistant Administrator for Water; Acting Regional Administrator in Region VIII (Denver); Water Protection Division Director in Region III (Philadelphia) and Director, Chesapeake Bay Program Office (2002-2007). She has administered Clean Water Act programs at both policy and operational levels, including water quality standards and the NPDES permit program.

Rebecca Hanmer
138 Caroline Street
Fredericksburg, Virginia 22401
540-371-8787
rwhanmer@yahoo.com

Dianna Hogan

Dianna Hogan is a Research Physical Scientist with the U.S. Geological Survey Eastern Geographic Science Center in Reston, Virginia. She has a BS in Biochemistry, a MS in Biology, and a PhD in Environmental Science and Public Policy. Her research focuses on ecosystem services and the environmental effects of land use on natural systems. Current and recent projects include an assessment of the ability of urban stormwater Best Management Practices (BMPs) in the Chesapeake Bay Watershed to mitigate water quality, quantity, and flow; and the development of an ecological value model to support land use decision-making in south Florida.

Dianna M. Hogan, Ph.D.
Research Physical Scientist
Eastern Geographic Science Center
U.S. Geological Survey

12201 Sunrise Valley Drive, MSN 521
Reston, VA 20192
703-648-7240
dhogan@usgs.gov

Richard Klein

Andrew Sharpley

Tom Simpson

Gordon Smith

Since 1994, Gordon Smith, Ph.D., has worked on mitigating greenhouse gas emissions by changing land use. He has expertise in forest carbon sequestration, avoided forest emissions (REDD+), soil carbon, manure management, fertilizer nitrous oxide, and soil methane. Dr. Smith has worked world wide on the entire spectrum of mitigation, including modeling likely emission benefits of project and programmatic activities, policy analysis for governments, standard and methodology development for offset registries, project development, project and methodology validation and verification, and verifier accreditation. He is an expert in biomass carbon sampling efficiency and designing sampling systems to meet precision goals. He is on the editorial board of the journal *Greenhouse Gas Measurement & Management*, is a member of the Greenhouse Gas Management Institute advisory committee, is a VCS expert in afforestation/deforestation, improved forest management, avoided deforestation (REDD), and agricultural land management, and is a member of the ACR AFOLU Technical Committee. He is currently Carbon Development Director for the REDD project developer Wildlife Works.

Gordon Smith, Ph.D.
1402 Third Ave, Suite 900
Seattle, WA 98101
206-784-0209
gordon@wildlifeworks.com

Rebecca Stack

Robert Traver

Robert Traver is a Professor in the Department of Civil and Environmental Engineering at Villanova University, and Director of both Center for the Advancement of Sustainability in Engineering, and the Villanova Urban Stormwater Partnership. He has conducted research on topics that include modeling of stream hydraulics, urban hydrology, water quality, and sustainable stormwater management. He initiated the Stormwater Best Management Practice Demonstration and Research Park on the Villanova Campus. Dr Traver served on ASCE's

External Review Panel (ERP) of the Corps investigation of Hurricane Katrina, and was a member of the National Academies Committee entitled *Reducing Stormwater Discharge Contributions to Water Pollution*. Dr Traver received his BSCE degree from the Virginia Military Institute, his MCE from Villanova, and his Ph.D. from The Pennsylvania State University. He is a licensed Professional Engineer.

Robert G. Traver, PhD, PE, D.WRE
Professor, Civil and Environmental Engineering
Director, Villanova Center for the Advancement of Sustainability in Engineering
Director, Villanova Urban Stormwater Partnership
Office Phone: (610) 519-7899
800 E. Lancaster Ave
Villanova University
Villanova, PA 19085
Robert.Traver@Villanova.EDU
<http://www.homepage.villanova.edu/robert.traver/>

Dana York

Dana York retired from the Natural Resource Conservation Service in January 2011 after a 34-year career with the Agency. She has formed a consulting group, Green Earth Connection to bring her expertise to the agricultural and environmental communities. Her training and organization leadership experience is also used to help organizations become more effective and efficient within current, expanding or decreasing resources. Her expertise includes: training and implementing BMP Identification projects, nutrient management, nutrient trading, the EPA Chesapeake Bay model and partnership building. She specializes in the development of dynamic business plans and project implementation with implementable and measurable goals and actions.

Prior to her retirement she was the Director of the Watershed and Landscape Programs Division, NRCS, in January 2010, where she directed the NRCS Watershed, Conservation Technical Assistance and Conservation Initiatives Programs. These programs assist communities with planning and implementing natural resource conservation on private lands from individual farms to large-scale watershed projects. She also coordinated the Agency's targeted efforts in large watersheds such as the Chesapeake Bay, Great Lakes and Upper Mississippi River Basin. Prior to returning to Washington, she was the Senior Advisor to the Chesapeake Bay Program in Annapolis, MD. As the Senior Advisor, she was the Agency's representative at the Environmental Protection Agency's Bay Program office and worked to implement the 2009 Chesapeake Bay Presidential Executive Order. From 2004 to 2009 she served at the Associate Chief for the Natural Resources Conservation Service. As the Associate Chief she managed the agency's overall programs and operations, including a \$3.2 billion annual budget.

She joined the NRCS National Headquarters staff in 1999 as a special assistant to the Chief and then as the Acting Director of Budget Planning Analysis Division, which is responsible for all Agency budget formulation. In 2001, she became the director of the NRCS Operations Management and Oversight Division with responsibility for the agency's operations management, including monitoring operations, business planning and accountability, and

development and monitoring of accountability information systems. She also led the agency's efforts on quality assurance, oversight and evaluation.

York began her 34-year career with the former Soil Conservation Service (SCS) as a student trainee while attending Tennessee Technological University. She has held various positions with the agency in Tennessee, Georgia and Ohio, including Soil Conservationist, District Conservationist, State Resource Conservationist, Partnership Liaison and Deputy State Conservationist.

York is a native of Tennessee. She received a Bachelor of Science degree in Agricultural Science from Tennessee Technological University and a Master's degree in Industrial/Organizational Psychology from Middle Tennessee State University with an emphasis in organizational design and measurement, business planning and leading organizations and employees through change.

In September of 2007 Dana was awarded the President's Distinguished Rank Award, which is the highest award a career employee can receive for their career as a Senior Executive. In 2008 she received 2008 Agricultural Alumnus of the year from Tennessee Technological University.

Dana D. York. President
Green Earth Connection, LLC
108 South Liberty Street
Centreville, MD 21617
410-708-6794
dyork818@yahoo.com

Dan Zimmerman

As manager of Warwick Township since 1994, Dan Zimmerman oversees the day to day operations of the Administration, Public Works, and Police Departments. He also serves as the Administrator for the Warwick Township Municipal Authority. During his tenure, he has implemented a successful Transfer of Development Rights program. He continues to work with the Lancaster County Agricultural Preserve Board, Farmland Trust, and property owners to facilitate the Township's agricultural preservation program. He also works cooperatively with multiple agencies, land owners and developers to improve traffic movement through Warwick Township, including extensive improvements along the SR 501 corridor. Mr. Zimmerman has also fostered an innovative Lititz Run watershed management plan and a township-wide trails program. He serves as Secretary to the Lititz Run Watershed Alliance, and continues to facilitate stream improvement projects in Warwick Township.

Before joining Warwick Township, Dan was Manager of Mount Joy Borough, Lancaster County, for seven years, and was with Hanover Borough, Lancaster County, also for seven years. He served as the Region Four Representative for the Lancaster County Planning Commission from 1992 to 2004, including serving as Chairman in 2001 and 2002. Dan has served on the Lancaster County Metropolitan Planning Organization since 1992, and is also Vice-Chairman of the Lancaster County Transportation Authority, which he has served on since 2000. Dan has also been a member of the Lancaster County Agricultural Preserve Board since 2005. He serves as

Secretary to the Lititz Run Watershed Alliance, and is a member of the Pennsylvania Planning Association. He holds both a Masters and Bachelors degree from Shippensburg University.

Daniel L. Zimmerman

Manager, Warwick Township, Lancaster County

315 Clay Road, Lititz, PA 17543

717-626-8900

dzimmerman@warwicktownship.org