



2016 Chesapeake Watershed Forum

TRACK 1: Restoration Science & Practice

A: Friday, Sept. 30, 1:30 – 3:00

Watershed Restoration Project Management Training – In a Nutshell

Presenters: Jeremy Koser and Jim Morris, Johnson, Mirmiran and Thompson's (JMT)

Jeremy Koser, PE, is Water Resources Practice Leader for JMT and assists Regional Office Managers with strategic planning for growing or establishing water resources services. Jeremy and his team provided participants with the administrative requirements and associative risks of establishing watershed restoration programs and managing associated projects.

Jim Morris, PE, is a habitat restoration engineer specializing in stream, wetland, and ecosystem restoration design. He has extensive experience in the planning, design, and oversight of habitat restoration projects, including large-scale river restoration in support of contaminated sediment remediation and dredging projects. He has experience in the development, design, and negotiation of stream, wetland and forest mitigation for a variety of private and municipal clients, as well as the monitoring, adaptive management, modeling and nutrient and sediment credit accounting associated with ecosystem restoration stewardship and mitigation projects. He performs watershed assessments and fluvial geomorphology assessments of stream reaches utilizing U.S. Environmental Protection Agency WARSSS (2006) and Function-Based Framework for Stream Assessment and Restoration (2012) methodologies, prepares engineering calculations, plans, specifications, and cost estimates for a variety of civil and environmental engineering projects. Mr. Morris has prepared Section 404 Joint Permit Applications, individual and programmatic permits, erosion and sediment control permits, and various other permits, authorizations and waivers. He serves as a program manager for municipal contracts involving ecosystem restoration, watershed assessment and TMDL-related designs.

B: Friday, Sept. 30, 3:30 – 5:00

New Tools and Proven Approaches for Measuring and Moving Towards Success in Restoration

Presenters: R. John Dawes, Chesapeake Commons; Bob Ensor, Howard County Conservation District; Dana York, Green Earth Connection; Rich Starr, Ecosystem Planning and Restoration

R. John Dawes is the Executive Director and Founder of the Chesapeake Commons. He serves as the lead for project strategy and works closely on product development. Prior to starting the Commons in 2012, John worked for Environmental Integrity Project as a Research Analyst, mapping public and private drinking water wells and their proximity to hazardous coal ash impoundments. John holds a Master's of Science in geographic information systems from Johns Hopkins University, is a self-taught front-end designer, and is focused on helping usher in a new approach to software development to help improve water quality and support environmental decision making.

Bob Ensor is District Manager of the Howard County Soil Conservation District. Prior to this role, he served as Administrator of the Conservation Grants Program with the Maryland Department of Agriculture. He has held various positions within USDA's Natural Resources Conservation Service (NRCS), including Acting Director for Operations Management and Oversight Division of NRCS in Washington, D.C.; State Conservationist in Des

Moines, Iowa; and, Assistant State Conservationist in Temple, Texas. He has also had various leadership positions with NRCS in Maryland, Pennsylvania, West Virginia, and Rhode Island.

Dana York is President of Green Earth Connection. She retired from the USDA, Natural Resource Conservation Service in January 2011 after a 34-year career with the Agency. Her consulting company, Green Earth Connection brings 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. She specializes in the development of dynamic business plans and project implementation with implementable and measurable goals and actions.

Rich Starr works for Ecosystem Planning and Restoration, LLC.

C: Saturday, Oct. 1, 10:00 - 11:50

Protecting the Stream – High Impact and Cost Efficient

Presenters: Julie Lawson, Trash Free Maryland; Kristen Kyler and Jennifer Fetter, Pennsylvania State University's Greening the Lower Susquehanna Project

Julie Lawson is the Executive Director and Cofounder of Trash Free MD. Julie is an environmental advocate and social marketing and branding consultant in Washington, DC. She is co-founder and director of Trash Free Maryland, a nonprofit organization that creates lasting change to prevent trash pollution. Since 2014, she has spearheaded passage of legislation to ban polystyrene foam food packaging around the DC Metro area, and expand public space recycling and strengthen penalties for illegal dumping in Maryland. The Chesapeake Bay Trash Trawl project identified a severe problem with microplastic pollution in the Bay and supported passage of a strong ban on microbeads in personal care products in Maryland.

Kristen Kyler is currently the Project Coordinator for the Lower Susquehanna Initiative, based out of the Penn State Harrisburg Campus. Kristen graduated in 2012 from Penn State with a degree in Environmental Resource Management (ERM). She previously interned with both Riparia (the Penn State Cooperative Wetlands Center) and the Delaware Department of Natural Resources and Environmental Control.

Jennifer Fetter is the Watershed and Youth Development Educator at Pennsylvania State University focusing on youth water education, conservation volunteers, innovative watershed restoration approaches and STEM education.

D: Saturday, Oct. 1, 11:10 - 12:00

Soil Health (for Water Quality) in Agriculture and Urban Landscapes

Presenters: Jim Harbach, Schrack Farms, Pennsylvania; Stuart Schwartz, Center for Urban Environmental Research and Education, University of Maryland Baltimore County

Jim Harbach is a partner in Schrack Farms Resources LP. Schrack Farms Dairy is located in the mountain region of central Pennsylvania, near a high quality cold water fishery. On a homestead tract of land dating back ten generations to 1773, Schrack Farms currently milks 1,000 cows and have a methane digester. Farmed acres have expanded to 2,200 acres, many of which have been no tilled for forty years with the addition of cover crops in the last five years. Jim is active on many boards, including Clinton County Conservation District, Clinton County Agricultural Land Preservation, Sugar Valley Watershed Association, Farm Bureau, Pennsylvania Nutrient Management Advisory Board, and Pennsylvania No Till Alliance.

Stuart Schwartz is Senior Research Scientist at the Center for Urban Environmental Research and Education, University of Maryland Baltimore County

E: Saturday, Oct. 1, 1:30-3:00

Innovative Practices – A Deeper Dive into Resource Recovery

Presenters: Steve Rowe, Newtrient LLC; Philip L. Sibrell, U.S. Geological Survey

Steve Rowe is CEO of Newtrient LLC focusing on Innovations in Nutrient Recovery Technologies – A look at pilot studies in OH and VT and the Nutrient Recycling Challenge.

Philip L. Sibrell is a research engineer with the U.S. Geological Survey, at the Leetown Science Center in Kearneysville, WV. He is currently investigating the application of acid mine drainage residuals for the recovery of phosphate from agricultural and municipal wastewaters. Prior to his employment with the USGS, Dr. Sibrell worked at the U.S. Bureau of Land Management, the U.S. Bureau of Mines, and in the mining industry, as an engineer conducting research in resource recovery and environmental restoration. He is also a professional engineer, and has over 100 publications and presentations. He received his B.S. from the Colorado School of Mines, and M.S. and Ph.D. from the University of Utah, all in Metallurgical Engineering.

F: Saturday, Oct. 1, 3:30 – 5:00

Siting, Design and More – Considerations for Restoration in a Watershed Context

Presenters: Teresa Walter and Phil Pannill, NCTC

Teresa Walter, a civil engineer by training, is a facility management specialist with the US Fish and Wildlife Service, serving with NCTC's Facility Management team.

Phil Pannill spent much of his youth in the outdoors, which led eventually to West Virginia University and a degree in Forest Resource Management. He worked as a forester with the Maryland Department of Natural Resources Forest Service, performing a variety of duties in the southern and western parts of the State. Much of his career with Maryland was working as the Watershed Forester for western Maryland in support of the Chesapeake Bay Program. In 2008 he started working for the U.S. Fish and Wildlife Service as the first full-time Land Manager at NCTC.

TRACK 2: Conservation & Preservation

A: Friday, Sept. 30, 1:30 – 3:00

Land Protection 101

Presenters: John Turgeon, Conservation Easement Program Manager, Maryland Environmental Trust
Jared Parks, Land Protection Specialist, Eastern Shore Land Conservancy

John Turgeon is the Conservation Easement Program Manager for the Maryland Environmental Trust (MET). He joined the organization in July of 2014. Prior to MET, John worked for close to ten years with the Willistown Conservation Trust, a non-profit land trust in southeastern PA, first as Associate Director and then Director of Land Protection. From 2000 to 2004, he worked for Montgomery County, MD, where he served as senior planner for the county's "Legacy Open Space" initiative to protect the county's critical open space resources. John holds a bachelor's degree in Geography and a master's degree in Regional Planning from the State University of New York.

Jared Parks joined ESLC in February 2007. Born and raised on the Eastern Shore, Jared spent four years as a faculty research assistant and crew leader for the grassland restoration project on Chino/Bluestem Farms in Queen Anne's County. In addition to his work on Chino, Jared has worked with a University of Maryland PhD candidate on a project studying conservation buffers on different farms in Queen Anne's, Caroline, and Talbot counties. His professional experience also includes serving as a research technician for the University of Wisconsin at Madison, the Missouri Department of Conservation and the Colorado Bird Observatory. Jared received his Masters of Environmental Studies at Evergreen State College and his Bachelors in Anthropology from Lawrence University.

B: Friday, Sept. 30, 3:30 – 5:00

Landscape Conservation Collaboration: Large-Scale and Local

Presenters: Jean Brennan, USFWS National Conservation Training Center; Kelly Watkinson, Cacapon and Lost Rivers Land Trust

Jean Brennan is the Coordinator and Chief Scientist for the Appalachian LCC at NCTC. As an ecologist she has worked extensively internationally, conducting research on primates in Kenya; carnivores on Madagascar; Asian elephants and other endangered large mammals on Peninsula Malaysia; and orangutans and proboscis monkeys on Borneo, Indonesia. She holds graduate degrees in Population Biology and Genetics from the University of Tennessee; Forest Ecology from Yale University School of Forestry; and Anthropology from the University of Pennsylvania.

Kelly Watkinson is a resource and land conservation professional with 11 years of experience protecting and restoring lands of the Chesapeake Bay watershed. As Executive Director of the Cacapon and Lost Rivers Land Trust, Kelly is responsible for all aspects of running the nonprofit and implementing their conservation programs which include conservation easement and fee simple acquisitions and stewardship of 14,000 acres in West Virginia. As a Peace Corps volunteer, Kelly worked with indigenous Mayan communities in Guatemala to implement conservation projects and promote sustainable natural resource management. Kelly has a degree in Environmental Science and Management from Indiana University.

C: Saturday, Oct. 1, 10:00 – 10:50

Mapping Invasive Species using the Mid Atlantic Early Detection Network

Presenter: Jil Marie Swearingen, Mid Atlantic Early Detection Network

Jil Marie Swearingen has been a leading force on invasive species in the mid-Atlantic region since 1991. She has worked as Regional Integrated Pest Management Coordinator for the National Park Service since 1995. Jil has also served as Chair of the Plant Conservation Alliance at the Alien Plant Working Group, led the creation of the *Weeds Gone Wild* website, *WeedUS Database* (Invasive Plants of Natural Areas), and Weed Buster Training and Certification Program and co-founded the Mid-Atlantic Invasive Plant Council and the Mid Atlantic Early Detection Network and app.

D: Saturday, Oct. 1, 11:10 – 12:00

New Chesapeake Land & Water Initiative

Presenters: Jennifer Miller Herzog, Chesapeake Program Manager, Land Trust Alliance; Jamie Baxter, Program Director, Chesapeake Bay Funders Network

Jennifer Miller Herzog has nearly twenty years of experience in the environmental and nonprofit sectors and has worked in philanthropic, strategic grassroots and policy, and fundraising capacities. Most recently, she was Chesapeake Bay Foundation's Maryland Grassroots Manager, developing grassroots advocacy strategy and outreach activities to advance Bay restoration priorities in Maryland. Jennifer was also Montana Program Manager for The Wilderness Society, leading wilderness protection campaigns in southwest and northwest Montana. She spent a decade at the Seattle-based Wilburforce Foundation, serving as Program Officer for the Yellowstone to Yukon Program. She holds an MA from UNC-Chapel Hill and a BA from Hobart and William Smith Colleges.

Jamie Baxter serves as CBFN's Program Director, applying his unique experience to assist members in the development of effective and practical solutions to the vexing challenges facing the regional conservation community. His extensive experience leading development of youth, advocacy and public policy programs built a diverse skill set in effective non-profit management and a keen understanding of the natural, social and political systems key to the success of any conservation initiative. Jamie has facilitated efforts to implement education reform designed to graduate environmental literate students and led CBFN's highly successful Capacity Building Initiative to help dozens of local watershed organizations increase their effectiveness to achieve clean water and healthy community goals.

E: Saturday, Oct. 1, 1:30 – 3:00

Enhancing Maryland's Resiliency through Conservation

Presenters: Kelly Collins, Maryland Department of Natural Resources; Nicole Carlozo, Maryland Department of Natural Resources

Kelly Collins has worked with the Maryland Department of Natural Resources (MDNR) since 2006, engaged in natural resource planning with a focus on coastal planning and land conservation. Prior to her work at MDNR, Kelly lived in the Federated States of Micronesia, working as a natural resource management specialist with the Peace Corps. Kelly was born and raised in Maryland, earning her B.S. in Environmental Science and Policy from the University of Maryland and M.S. in Energy Policy and Climate from Johns Hopkins University

Nicole Carlozo is a Natural Resources Planner at the Maryland Department of Natural Resources, where she integrates climate change data and other technical and spatial information into the state's restoration, conservation, and waterfront enhancement activities. Nicole also provides technical assistance to local partners interested in addressing coastal adaptation and community resiliency. Previously, she served as Maryland's 2012-2014 NOAA Coastal Management Fellow. Nicole earned a Master's Degree in Coastal Environmental Management and a Certificate of Geospatial Analysis from Duke University, and a B.A. in Biology & English from St. Mary's College of Maryland.

F: Saturday, Oct. 1, 3:30 – 5:00

Getting Trees in the Ground in Urban Areas

Presenters: Laura Granus, Water Words that Work, LLC; Donna Morelli, Pennsylvania State Director, Alliance for the Chesapeake Bay

Laura Granus worked in the river conservation world for over 10 years. While on staff at the Stony Brook-Millstone Watershed Association and Cumberland River Compact, Laura partnered with dozens of watershed groups to develop their skills and nonprofit management capacity. She's been with Water Words for five years.

Donna Morelli came to the Alliance in 2005 as Project Coordinator and has served as director of the PA Office since summer 2007. While at the PA our office, Donna has worked on a variety of projects, from helping local governments analyze their development codes to planting riparian buffers and assessing storm-water retrofit opportunities in urban watersheds. Her interests are in stormwater, strategic land conservation, civic engagement, communications, marketing, agriculture, small scale agriculture, brook trout, no child left inside, blue water and green fields and forest.

TRACK 3: Planning & Regulation

A: Friday, Sept. 30, 1:30 – 3:00

Planning for Effective Collaboration with Local Governments

Presenters: Elizabeth Nellums, National Fish and Wildlife Foundation; Nima Upadhyay, City of Takoma Park, and Donna Morelli, Alliance for the Chesapeake Bay

Elizabeth Nellums is the Manager of the Chesapeake Bay Stewardship Fund at the National Fish and Wildlife Foundation, which funds local communities, including local governments and nonprofits, to clean up and restore their polluted rivers and streams. She has a Masters from the University of Michigan's School of Natural Resources and the Environment.

Nima Upadhyaya is the special projects coordinator for the Department of Public Works at the City of Takoma Park. She manages and supervise infrastructure, sanitation and energy related projects. She is also responsible for coordinating community outreach events and public engagement strategy for Public Works projects. Nima earned her Master's in Urban and Regional Planning from Florida Atlantic University, and holds an undergraduate degree in Architecture.

Donna Morelli came to the Alliance in 2005 as Project Coordinator and has served as director of the PA Office since summer 2007. While at the PA our office, Donna has worked on a variety of projects, from helping local governments analyze their development codes to planting riparian buffers and assessing storm-water retrofit opportunities in urban watersheds. Her interests are in stormwater, strategic land conservation, civic engagement, communications, marketing, agriculture, small scale agriculture, brook trout, no child left inside, blue water and green fields and forest.

B: Friday, Sept. 30, 3:30 – 5:00

Stormwater Efforts in South Central Pennsylvania

Presenters: Karl Graybill, City of Lancaster, Pennsylvania; Brian Hazelwood, American Rivers in Pennsylvania; Allison Campbell, Alliance for the Chesapeake Bay; Jennifer Cotting, Green Infrastructure for the Environmental Finance Center at University of Maryland; Donna Fisher, Blair County Conservation District

Karl Graybill is the Public Works Environmental Planner for the City of Lancaster, Pennsylvania. His duties include assisting the Stormwater Program Manager in implementing and integrating the City's green infrastructure program with complete street and transportation improvements. Karl administers and amends regulations and ordinances for stormwater management, trees, sidewalks and streetscapes and is the City bicycle coordinator. During his 20 year career in municipal planning, Karl has been responsible for preparing comprehensive and neighborhood plans; zoning and development ordinances; and providing technical planning assistance to municipal clients. Karl is a member of the American Institute of Certified Planners.

Brian Hazelwood is a Clean Water Supply Associate with American Rivers in Pennsylvania. He works to integrate green stormwater infrastructure as a management strategy for wet-weather issues while promoting clean, healthy waters and communities. Coupling a strong environmental engineering background with wet-weather expertise addressing CSO, SSO and stormwater, Brian leverages his understanding of technical issues to facilitate community outreach to municipalities and engage stakeholders. Brian has a Civil/Environmental Engineering degree from the University Of Virginia and did graduate study at Virginia Tech.

Allison Campbell is a Program Assistant at the Alliance for the Chesapeake Bay in Pennsylvania working with local communities to improve water quality to Pennsylvania's rivers to help keep the Chesapeake Bay healthy. Allison has a B.A. in Animal Behavior and English from Bucknell University and a Master of Environmental Management from Duke University's Nicholas School of the Environment.

Jennifer Cotting joined the University of Maryland Environmental Finance Center in 2004 and is currently a Research Associate for Green Infrastructure. As a Research Associate, Jennifer manages EFC's green infrastructure programming which spans large landscape conservation and habitat management, as well as urban land use and stormwater management applications of green infrastructure. She received her M.S. in Sustainable Development and Conservation Biology from the University of Maryland and her B.A. in Communications from Marymount University.

Donna Fisher has been serving the Blair County Conservation District since 1985. Always having a strong working relationship with Blair County Municipalities for a multitude of programs, the ties have grown stronger with the inception of the MS4 Program. Donna and the Conservation District are in the process of formalizing a working agreement to host the first MS4 Coordinator Position in Blair County to serve their 13 permitted entities.

C: Saturday, Oct. 1, 10:00 – 10:50

Environmental Protection Agency

Presenter: Nick DiPasquale, EPA

Nick DiPasquale has nearly 30 years of public policy and environmental management experience in both the public and private sectors. He previously served as Deputy Secretary in the Pennsylvania Department of Environmental Protection, Director of the Environmental Management Center for the Brandywine Conservancy in Chadds Ford, Pennsylvania and as Secretary of the Delaware Department of Natural Resources and Environmental Control.

D: Saturday, Oct. 1, 11:10 – 12:00

Standardizing Anacostia Watershed Trash TMDL/MS4 Reductions

Presenters: Michelle Kokolis & Matt Gallagher, Metropolitan Washington Council of Governments

Michelle Kokolis is the Anacostia Executive Watershed Manager at the Metropolitan Washington Council of Governments (COG) where she provides technical support to members of the Anacostia Watershed Restoration Partnership. This support includes helping the Anacostia jurisdictions identify opportunities for collaboration and more efficient implementation of restoration projects and trash reduction efforts and tracking the implementation of Green Infrastructure practices. Ms. Kokolis is currently managing the Anacostia Trash Reduction Workgroup, which brings together representatives from the District of Columbia and Montgomery and Prince George's Counties to develop standardized metrics for quantifying trash reduction efforts associated with the Anacostia River Trash TMDL.

Matt Gallagher is an Environmental Planner at the Metropolitan Washington Council of Governments (MWCOG) where he coordinates Anacostia watershed stream monitoring projects. Examples of these projects include fish and macroinvertebrate surveys, water quality monitoring, and geomorphology assessments. In addition, he manages the Montgomery County and Prince George's County, MD trash TMDL monitoring efforts and brings field monitoring and data analysis expertise to the Anacostia Trash Reduction Workgroup. Matt holds an M.S. in Ecology from Towson University and a B.S. in Biology from Dickinson College.

E: Saturday, Oct. 1, 1:30 – 3:00

Planning to Protect Environmental Assets

Presenters: Kimberly Brandt, 1000 Friends of Maryland; Jim Long, Mattawoman Watershed Society

Kimberly Brandt manages 1000 Friends of Maryland's local smart growth campaigns. She supports local advocates working to improve planning in their communities and provides technical analysis of local planning efforts. Kimberly has a master's degree in urban and regional planning and has worked as a professional planner for eighteen years. Her experience includes local government planning, most recently with Carroll County, and hazard mitigation planning for the State of Maryland.

Jim Long is president of the Mattawoman Watershed Society

F: Saturday, Sept. 26, 3:30 – 5:00

Improving Conservation with Data and Tools

Presenters: Carly Dean, Cassandra Pallai and Colin Stief, Chesapeake Conservancy

Carly Dean is a devoted environmental steward who works to achieve collective impact by facilitating large-scale, cross-sector conservation efforts that celebrate and add value to the amazing work undertaken by environmental organizations throughout the Chesapeake Bay watershed. After completing her M.S. in Environmental Science at Towson University, she researched sustainable development for a real estate developer in Beijing, China and social resilience at the International Institute for Applied Systems Analysis near Vienna, Austria. Her B.S. in Environmental Science is from Baylor University. Carly's work focuses on [Envision the Susquehanna](#), and has her cooperating with diverse stakeholders across Pennsylvania and New York.

Cassandra Pallai is the Geospatial Project Manager at the Chesapeake Conservancy, a non-profit organization based in Annapolis, MD. Working with partners at government agencies, universities, NGOs, and corporations, Cassandra and her colleagues explore new ways to advance the effectiveness and efficiency of conservation programs. They focus on empowering partner organizations by providing them with innovative means of accessing geospatial data and analysis tools to create beneficial management outcomes. She holds a Master's of Environmental Management and a Geospatial Analysis Certificate from Duke University, as well as a Bachelors in Economics and Environmental Studies from Cleveland's Case Western Reserve University.

Colin Stief is helping the Conservancy find new ways to use digital media and geospatial technology to inform conservation efforts in the Chesapeake Bay. In particular, he is interested in developing intuitive web and desktop applications that can automate tedious, but critical, analytical tasks and transform raw data into meaningful information. Prior to his current position, Colin built and maintained trails at Olympic National Park, worked at the NYC Department of Environmental Protection, and taught English overseas. He has a Master of Environmental Management (MEM) from Duke University and a Bachelor of Arts (BA) in Geography from Miami University in Ohio.

TRACK 4: Organizational Development and Fundraising

A: Friday, September 30, 1:30 – 3:00

Prioritizing Cultural Competency for Watershed Success

Moderator: Vernice Miller-Travis, Skeo Solutions

Presenters: Alisa Hefner and Michael Lythcott, Skeo Solutions; Jessie Hillman, Blue Water Baltimore

Vernice Miller-Travis is a Senior Associate in the Community Planning and Design Group of Skeo Solutions. She provides technical expertise for collaborative planning and design services in area-wide brownfields revitalization, community sustainability and environmental justice.

Alisa Hefner is a senior designer and project manager who provides leadership and technical expertise for collaborative planning and design services in the areas of Superfund site reuse, area-wide brownfield revitalization, and green infrastructure planning. With professional experience in landscape architecture and environmental planning, Alisa's skills include GIS analysis and mapping, site design, community and regional planning, graphic design and Web-based community engagement tools.

Michael Lythcott is a Senior Associate in Skeo Solution's Collaborative Solutions Group and is a skilled facilitator, mediator, curriculum developer and trainer. He works with clients to develop targeted outreach strategies for productively engaging with stakeholders. He also builds innovative models for collaboration between communities and their better-resourced project partners.

Jessie Hillman provides support for the administrative and financial functions of Blue Water Baltimore, including IT support, human resource management, and operational-related activities. Jessie comes to Blue Water Baltimore with extensive background knowledge in non-profit and grant-based administration. Previously she worked at Johns Hopkins University and the Florida Department of Health. When not working at Blue Water Baltimore, Jessie volunteers as a librarian with the Station North Tool Library and the greening committee with her Baltimore neighborhood association. She graduated from Reed College with a Bachelor of Arts in cultural anthropology.

B: Friday, September 30, 3:30 – 5:00

Building a Diverse, Inclusive Board of Directors

Presenter: Sarah Clark, Institute for Conservation Leadership

Sarah Clark is Senior Associate with the Institute for Conservation Leadership and has over 20 years of experience developing and leading collaborative efforts, local and national programs, and leadership development initiatives with membership, advocacy, volunteer and community-based organizations. She is adept at working with leaders to assess needs, clarify outcomes and develop strategies to create change and meet goals and is committed to increasing diversity and inclusion at all levels of an organization or initiative. Sarah currently leads ICL's efforts with the Delaware River Watershed Initiative, facilitating collaboration throughout this initiative with over 40 organizations with nine sub-initiative groups. Sarah earned her MSOD in Organization Development from American University/NTL in 2010 and her BA in Sociology from Miami University (Ohio).

C: Saturday, October 1, 10:00 – 10:50

Operating on a "Shoe-string" Budget

Presenters: Jodi Rose, Interfaith Partners for the Chesapeake; Anne Dunckel, Alliance for the Chesapeake Bay

Jodi Rose graduated from the University of Illinois with a Bachelor of Science degree in Biochemistry and worked in the environmental consulting field for 15 years managing soil and groundwater remediation projects and running her own property due diligence consulting firm. As a volunteer in her Catholic parish in Indiana, she spearheaded several environmental and social justice programs that engaged fellow parishioners to live out their faith in action. It was during this time that Jodi felt a strong calling to work at the intersection of faith and environment. Shortly after relocating to Rockville, she became the ED of IPC and grew the organization's influence on watershed restoration action in Maryland.

Anne Dunckel is currently the project manager for the Chesapeake Monitoring Cooperative, a 6 year project sponsored by the Chesapeake Bay Program to incorporate volunteer and non-traditional monitoring into Chesapeake Bay watershed health assessments. She received her bachelors in geology with a focus in hydrogeology from the University of Texas at Austin and a Masters in Environmental Sciences at the University of Virginia, where she was a Jefferson and NSF graduate research fellow. She recently worked at StreamWatch (now Rivanna Conservation Alliance) as the monitoring program manager, overseeing the citizen science water quality monitoring program.

D: Saturday, October 1, 11:10 - Noon

Best Databases for River and Watershed Groups

Presenter: Baird Straughan, LeadGreen

Baird Straughan has worked for the last twenty years consulting, training and research for environmental and conservation groups. He spent 9 years as Associate Director at the Institute for Conservation Leadership, and the last 8 as the developer of the WaterGrass database, which is used by 35 river and watershed organizations.

E: Saturday, October 1, 1:30 – 3:00

Collaboration: Boost Results and Reduce Friction

Presenter: Heather Illif, Maryland Nonprofits

Heather Illif is President & CEO of Maryland Nonprofits, responsible for advancing the organization's vision to create a highly effective, ethical and accountable nonprofit sector that drives change through collective action and advocacy. Ms. Illif previously served as Vice President of Maryland Nonprofits and Director of the Maryland Nonprofits Consulting Group. She is an experienced facilitator, trainer and manager with international, national and local nonprofit organizations. Ms. Illif served a 4-year term as an elected member of the Prince George's County, Maryland Board of Education, and was appointed to County Executive Rushern Baker's Commission on Educational Excellence for Prince George's County. Previously, Ms. Illif was Deputy Director of Alliance for Nonprofit Management and Assistant Director of the Institute for Educational Policy at Open Society Institute - Budapest. Ms. Illif holds a bachelor's degree in international studies from The American University and a Masters in Political Science from the Central European University (University of the State of New York). She is a licensed consultant with the Standards for Excellence Institute.

F: Saturday, October 1, 3:30 – 5:00

Volunteer Engagement and Retention

Presenter: Julie Vastine, Dickinson College/ALLARM

Julie Vastine is the director of the Alliance for Aquatic Resource Monitoring (ALLARM) at Dickinson College in Pennsylvania. She is responsible for leadership of the ALLARM program and providing technical assistance to watershed communities. Julie has worked in the volunteer monitoring field for fourteen years and was recently appointed to the National Water Quality Monitoring Council as one of two volunteer monitoring representatives. A native of the Chesapeake Bay region, Julie enjoys working with community organizations to build their capacity to monitor streams and to monitor, protect, and restore water quality.

TRACK 5: Chesapeake Forests

A: Friday, September 30, 1:30 – 3:00

Chesapeake Tree Challenge

Presenters: Craig Highfield, Jenny McGarvey and Al Todd, Alliance for the Chesapeake Bay

Craig Highfield works for the Alliance for the Chesapeake Bay and manages Forests for the Bay, an education and outreach program for private woodland owners throughout the Chesapeake Bay watershed. Forests for the Bay was initiated through collaboration between the Alliance for the Chesapeake Bay, US Forest Service and the Chesapeake Bay Program's Forestry Workgroup. The program's goal is to promote the benefits of sustainable forest management in improving the vitality of the region's woodlands and protecting the health of its waterways. Craig holds a Master's degree in Environmental Science from Johns Hopkins University and is an ISA Certified Arborist.

Jenny McGarvey is the Chesapeake Forests Project Coordinator at the Alliance for the Chesapeake Bay. Jenny is a trained forest ecologist, with a Master's of Science in Environmental Science from the University of Virginia and a Bachelor's of Science in Environmental Science from the University of California, Berkeley. Prior to joining the Alliance, Jenny spent four years at the Smithsonian Conservation Biology Institute in Front Royal, VA as a research fellow. At the Smithsonian, Jenny led and supported research across a range of focuses, including deer impact on woody regeneration and carbon storage potential of mid-Atlantic old growth forests. At the Alliance, Jenny's work focuses on supporting efforts made by private landowners to restore native forests on their land.

Al Todd serves as Executive Director of the Alliance for the Chesapeake Bay. He is dedicated to finding common ground and building collaborative solutions for restoration and protection of the Chesapeake Bay and connecting people to the Bay and its Rivers, implement a diversity of programs with citizens, local governments, watershed groups, and other partners.

B: Friday, September 30, 3:30 – 5:00

Invasive Plants Management: Field Tour

Presenter: Phil Pannill, USFWS National Conservation Training Center

Phil Pannill spent much of his youth in the outdoors, which led eventually to West Virginia University and a degree in Forest Resource Management. He worked as a forester with the Maryland Department of Natural Resources Forest Service, performing a variety of duties in the southern and western parts of the State. Much of his career with Maryland was working as the Watershed Forester for western Maryland in support of the Chesapeake Bay Program. In 2008 he started working for the U.S. Fish and Wildlife Service as the first full-time Land Manager at NCTC.

C: Saturday, October 1, 10:00 – 10:50

Advocating for Private Forests

Presenters: Nancy Baker; Pennsylvania Forest Stewards; Monroe Cressley, Pennsylvania Forest Stewards; Susan Benedict, Pennsylvania Tree Farm Committee

Nancy Baker is a private forest owner in Bradford County, PA, where she currently stewards the Panther Lick, a property her great-grandfather purchased in 1861. Nancy has chosen to use her forest property to host educational events to demonstrate the benefits of working the forest with the assistance of a professional forester and an active management plan. Since 2005, she has been an active member of the Pennsylvania Forest Stewards State Steering Committee. She is also deeply involved in the Bradford-Sullivan Forest Landowners' Association. Nancy advocates the engagement of non-traditional landowners, in particular women forest landowners.

Monroe Cressley is a Forest Steward in Carbon County PA.

Susan Benedict is Chair of the Pennsylvania Tree Farm Program

Tony Boyle is a Forest Steward in Carbon County PA

D: Saturday, October 1, 11:10 – 12:00

Poague Run- Sterling Example of Watershed Restoration

Presenter: Bobby Whitescarver, Whitescarver Natural Resources Management, LLC.

Robert “Bobby” Whitescarver is a conservationist, farmer, writer and educator retired from USDA’s Natural Resources Conservation Service in 2011 with 31 years of field experience. His work with NRCS let to over 500 miles of riparian forest buffers and over 2,000 acres of wildlife habitat. He was Virginia’s CREP Technical Coordinator from 2000 – 2002. In 2012 he was chosen as the Chesapeake Bay Foundation’s “Conservationist of the Year.” When he retired in 2011 he started his own environmental consulting business, Whitescarver Natural Resources Management LLC. He teaches Natural Resource Management at James Madison University and is a freelance writer. He and his wife run a commercial cow-calf operation in the Shenandoah Valley of Virginia.

E: Saturday, October 1, 1:30 – 3:00

Tree ID 101

Presenters: Bud Reaves, Anne Arundel Forestry Board; Craig Highfield, Alliance for the Chesapeake Bay; Jenny McGarvey, Alliance for the Chesapeake Bay

Bud Reaves is Bud Reaves is a forester and arborist with many years of experience managing both traditional and urban forests. An experienced outdoor educator, Bud teaches forest conservation at Anne Arundel Community College; is the lead instructor for Forestry at the Maryland Envirothon; and conducts workshops and talks on invasive species, forest pest, and numerous other subjects.

Craig Highfield works for the Alliance for the Chesapeake Bay and manages Forests for the Bay, an education and outreach program for private woodland owners throughout the Chesapeake Bay watershed. Forests for the Bay was initiated through collaboration between the Alliance for the Chesapeake Bay, US Forest Service and the Chesapeake Bay Program’s Forestry Workgroup. The program’s goal is to promote the benefits of sustainable forest management in improving the vitality of the region’s woodlands and protecting the health of its

waterways. Craig holds a Master's degree in Environmental Science from Johns Hopkins University and is an ISA Certified Arborist.

Jenny McGarvey is the Chesapeake Forests Project Coordinator at the Alliance for the Chesapeake Bay. Jenny is a trained forest ecologist, with a Master's of Science in Environmental Science from the University of Virginia and a Bachelor's of Science in Environmental Science from the University of California, Berkeley. Prior to joining the Alliance, Jenny spent four years at the Smithsonian Conservation Biology Institute in Front Royal, VA as a research fellow. At the Smithsonian, Jenny led and supported research across a range of focuses, including deer impact on woody regeneration and carbon storage potential of mid-Atlantic old growth forests. At the Alliance, Jenny's work focuses on supporting efforts made by private landowners to restore native forests on their land.

F: Saturday, October 1, 3:30 – 5:00

Tree Canopy, Environmental Justice and Community Engagement

Presenters: Brenda Richardson, Earth Conservation Corps; Jeff Catts, Washington Parks and People; Valerie Rupp, Parks and People Foundation

Brenda Richardson is a Board Member with Earth Conservation Corps and is a consultant with 25+ years of professional experience in developing and coordinating private/public partnerships. Specialty areas include community development, public affairs, strategic planning, advocacy and training as well as community outreach.

Jeff Catts leads Parks & People's community greening work across DC. He brings over 30 years of experience and design skills as a licensed Landscape Architect. During his career he has designed and managed the construction of significant projects including: a major expansion to the Cleveland Botanical Gardens, a renovation master plan for Olmsted's Fine Arts Gardens adjacent to the Cleveland Museum of Art, numerous college campus and urban park landscapes.

Valerie Rupp is Director of Community Greening at Parks and People Foundation.

TRACK 6: Communications & Advocacy

A: Friday, September 30, 1:30 – 3:00

Certifying Professionals for Sustainable Landscape Maintenance

Presenters: Beth Ginter, Chesapeake Bay Landscape Professional Certification Initiative; Cheryl Corson, Corson Learning; Shereen Hughes, Chesapeake Bay Landscape Professional & Wetlands Watch

Beth Ginter is the coordinator of the Chesapeake Bay Landscape Professional Program. Following a 15 year career in the medical education field, where she directed global projects for pharmaceutical clients, Beth founded a landscape consulting and design firm, The Honeybee Group, in 2005 to provide sustainable design solutions for residential clients and schools in the Washington, DC area. Beth holds a Master's degree in Sustainable Landscape Design from The George Washington University and a BA in English from Virginia Commonwealth University. Since 2013, Beth has served on the board of the Chesapeake Conservation Landscaping Council as chair of the outreach committee.

Cheryl Corson has been in private practice since 2003 (www.cherylcorsan.com). She is a Certified Playground Safety Inspector and Maryland Certified Minority Business Enterprise. Cheryl received her MLA from the Harvard GSD in 1994. She has taught at The George Washington University, the University of Maryland, and the U.S. Botanic Gardens, and served on design juries at RISD, UVA, and other schools. Cheryl is former ASLA Continuing

Education Manager and Communications Manager/webmaster for the National Clearinghouse for Educational Facilities.

Shereen Hughes is the Assistant Director of Wetlands Watch, Inc. and Virginia Coordinator for the Chesapeake Bay Landscape Professional (CBLP), a bay-wide sustainable landscape certification initiative. She holds a B.S. in Geology from James Madison University and Certificate of Landscape Design from George Washington University. Currently, Ms. Hughes is working to educate, engage and prepare private and public sector professionals from engineering, environmental, design, landscaping and planning fields to use integrated, multi-benefit adaptation strategies such as green infrastructure planning and practices to comply with current water quality and stormwater regulations, reduce flooding, protect natural resources and increase resiliency to sea level rise.

B: Friday, September 30, 3:30 – 5:00

Creating a Ripple Effect: Communication Tools and Strategies for Engaging Diverse Communities

Presenter: Kolya Braun-Greiner, Interfaith Partners for the Chesapeake

Kolya Braun-Greiner attended Union Theological Seminary in New York City ('92), M.Div. where her studies focused on theology and ecology, and participated in founding "Ecologists," to assess and activate energy conservation measures at the seminary. An experienced facilitator and faith-based curriculum writer, Kolya has led groups on peace, environmental justice, Native American land rights, advocacy for farm workers, and is a trainer of the non-violence program *Creating a Culture of Peace* in the tradition of Gandhi and Martin Luther King, Jr. Prior to coming to IPC, she served as staff with the Catholic Climate Covenant, where she wrote the curriculum *Creation Cries for Justice, Catholic Social Teaching on Climate Change*.

C: Saturday, October 1, 10:00 – 10:50

Fair Farms: A Campaign for Sustainability

Presenters: Betsy Nicholas and Michelle Stephenson, Fair Farms & Waterkeepers Chesapeake

Betsy Nicholas is the Executive Director of WATERKEEPERS® Chesapeake. Previously, Ms. Nicholas was a trial attorney in the Environmental and Natural Resources Division of U.S. Department of Justice. Prior to that, she was the General Counsel for Upper Chattahoochee Riverkeeper in Atlanta, Georgia. Her work there focused on stormwater issues, including the development and reissuance of stormwater permits; sanitary sewer overflows; water consumption and withdrawal permits; and legislative efforts. Ms. Nicholas has also been an environmental associate for law firms in New York and Washington, DC, with experience ranging from hazardous waste litigation to endangered species habitat conservation plan development.

Michelle Stephenson is the Campaign and Communications Manager for Waterkeepers Chesapeake. She manages communication plans for the Fair Farms campaign and an alliance of 19 Waterkeepers from Pennsylvania to Virginia who protect and advocate for the rivers that feed the Chesapeake Bay.

D: Saturday, October 1, 11:10 – 12:00

Buzzard's Point Story

Presenters: Rhonda Hamilton, Advisory Neighborhood Commission 6D; Alisha Camacho, Anacostia Unplugged/Groundwork Anacostia/Buzzard Point

Rhonda Hamilton is a commissioner for the DC Advisory Neighborhood Commission for Ward 6D.

Alisha Camacho is the director, producer, and primary filmmaker of Anacostia Unplugged. Her work as an environmental educator within the District is what inspired her to research how connecting with nature is affecting communities along the Anacostia Watershed. The documentary series will follow the lives of individuals living along the Anacostia River, and show their journey as they reconnect with the natural environment along this historically neglected and polluted Watershed. Through their stories, we will begin to understand the surprising benefits of being outdoors, and the consequences of our plugged in lifestyles. Now an aspiring filmmaker, Alisha is excited to launch Anacostia Unplugged as a free, accessible, and educational online documentary series. To date, she is still working as an environmental educator with the Dumbarton Oaks Park Conservancy in Washington, DC.

E: Saturday, October 1, 1:30 – 3:00

Social Marketing Case Study: Sewer Overflows

Presenter: Eric Eckl, Water Words That Work, LLC

Eric Eckl founded Water Words That Work, LLC and oversees all the company's client accounts. Eric has more than 20 years of experience planning and carrying out issue advocacy, fundraising, and behavior change campaigns. Eric is a sought-after speaker for environmental, marketing, and technology conferences. He has appeared on CNN and been quoted in the New York Times. Eric sits on the editorial committee for the Center for Watershed Protection, and serves on the board of directors for the Green Media Toolshed.

F: Saturday, October 1, 3:30 – 5:00

Enacting Behavior Change to Improve Water Quality: The ELANCO Source Water Protection Collaborative

Presenter: Stephanie Armpriester, Lancaster Farm Trust

Stephanie Armpriester is the Municipal Outreach Coordinator for the Lancaster Farm Trust. She works with elected officials, municipal staff, and committee members to gain support for farmland preservation. She also helps municipalities establish sustainable funding sources for conservation and provides guidance for policies that support agriculture and land conservation. She also provides support to the Land Preservation department in securing conservation easements.

TRACK 7: Citizen & Community Engagement

A: Friday, Sept. 30, 1:30 – 3:00

Many, Cheap & Easy Stormwater Projects: Part II

Presenters: Diane Cameron, Cameron and Associates; Kit Gage, Friends of Sligo Creek

Diane Cameron is the former Conservation Director for Audubon Naturalist Society (ANS); a stormwater project consultant and clean water policy advocate. She is managing a large Tree Save Rain Garden project for ANS.

Kit Gage was a founder and co-director of the National Capital Region Watershed Stewards Academy, www.ncr-wsa.org. Kit is President of Friends of Sligo Creek, an active member of its Stormwater Committee, and past president of the Takoma Horticultural Club. With Jenny Reed, Kit led the Sligo Park Hills Green Streets Project with Montgomery County DEP and DOT. Kit has been an occasional teacher at CASA de Maryland on Stormwater issues, and has a Horticulture Certificate from the Graduate School USA in DC.

B: Friday, Sept. 30, 3:30 – 5:00

Applying Baltimore and Richmond Successes to Other Audiences

Presenters: Blair Blanchette, The Chesapeake Bay Foundation; Bonnie Sorak, Interfaith Partners for the Chesapeake; Erin Bennett, Blue Water Baltimore

Erin Bennett is the Stormwater Program Manager at Blue Water Baltimore and has been working with the Blue Water Congregations Program for two out of her three years at the organization. Erin has experience working with residents to install residential stormwater practices in Baltimore through the Water Audit Program, leading a behavior change effort focused on rainwater harvesting, and partnering with congregations on assessing their properties for stormwater practices and implementing projects. She has a B.S. in Natural Resource Management and an M.A. in Urban Affairs and Public Policy with a concentration in Urban and Regional Planning from University of Delaware.

Blair Blanchette is the Grassroots Coordinator for the Chesapeake Bay Foundation in Richmond, Virginia. Blair's work focuses on developing relationships with the public and rallying advocates for Bay water quality issues in the greater Richmond area. In addition to garnering advocacy support and hosting volunteer programs, Blair oversees a wide variety of signature CBF programs, including the VoiCeS adult education course and Grasses for the Masses, a citizen restoration effort of freshwater underwater grasses.

Bonnie Sorak has been the Congregational Outreach Coordinator for IPC for over 2 years. In that time she has spearheaded our recruitment efforts for our different programs including Blue Water Congregations, Trees For Sacred Places and Covenantal Partners Program in addition to assisting congregations with their advocacy efforts. In this time we have doubled the number of congregations that we are working with. She has Bachelors Degrees in Communications/Public Relations and Political Science and years of experience as a volunteer lay leader in community organizations and her own faith community.

C: Saturday, Oct. 1, 10:00 – 10:50

Community Engagement and Green Infrastructure Implementation

Presenters: Karl Graybill, City of Lancaster; Douglas Smith, City of Lancaster

Karl Graybill is the Public Works Environmental Planner for the City of Lancaster, Pennsylvania. His duties include assisting the Stormwater Program Manager in implementing and integrating the City's green infrastructure program with complete street and transportation improvements. Karl administers and amends regulations and ordinances for stormwater management, trees, sidewalks and streetscapes and is the City bicycle coordinator. During his 20 year career in municipal planning, Karl has been responsible for preparing comprehensive and neighborhood plans; zoning and development ordinances; and providing technical planning assistance to municipal clients. Karl is a member of the American Institute of Certified Planners.

Douglas Smith is the Sustainability Planner in the Department of Public Works for the City of Lancaster Pennsylvania. Douglas holds a bachelor's degree in environmental science from Franklin & Marshall College and a master of urban planning degree from the University of Michigan. Alongside the City stormwater staff, he helps to manage the green infrastructure program, active transportation improvements, and street tree program, in addition to developing the City's first sustainability program.

D: Saturday, Oct. 1, 11:10 – 12:00

Howard County Commercial Stormwater Solutions WorkGroup

Presenters: Mark Southerland, AKRF; Cole Schnorf, Manekin; Jim Caldwell, Howard County Office of Community Sustainability

Mark Southerland, Ph.D., PMP, CSE, is Vice President at AKRF, Inc., and has been supporting federal, state, and local water quality programs since 1988. He was the lead author of the EPA national program guidance on biological criteria and has been the lead consultant on the Maryland Biological Stream since 1993. Mark served as chair of the Maryland Water Monitoring Council Board and Howard County Commission on Environmental Sustainability, and is a current member of the Science Council of the Maryland Academy of Sciences, Howard County Conservancy Board of Trustees, and Advisory Committee of Patapsco Heritage Greenway.

Cole Schnorf is Senior Vice President and Director of Development at Manekin, LLC. He has held this position since 1999, after previously managing development projects out the Columbia office. Cole has been with the company since 1986. As head of development, he hires and assigns staff to specific projects, and oversees the department's budget and variance reports. Additionally, he oversees four project managers and continues to manage specific development projects himself. During his tenure with Manekin, LLC, he has steered the company in its development of over 1.2 million square feet of speculative office/research and development space in Columbia Gateway; 1.1 million square feet of speculative warehouse space in Troy Hill Commerce Center in Elkridge, Md., and numerous office, R&D and retail build-to-suits throughout Baltimore/Washington Corridor. Cole received an M.B.A. from Harvard Business School and a Bachelor of Civil Engineering degree from Georgia Institute of Technology.

Jim Caldwell, director of Howard County's new Office of Community Sustainability. Jim, who worked for Montgomery County's Department of Environmental Protection for 27 years, did a stint as a manager at a gelato ingredient factory and ran his own environmental consulting business before being hired as Howard County's stormwater manager in 2011.

E: Saturday, Oct. 1, 1:30 – 3:00

Responding To the Call: Tools for Action

Presenters: Suzanne Etgen, Anne Arundel County Watershed Stewards Academy

Suzanne Etgen is the Executive Director of the Anne Arundel County Watershed Stewards Academy (WSA), a non-profit which builds capacity for by training Master Watershed Stewards to help neighbors reduce pollution in local creeks and rivers and is currently being replicated in several other counties throughout Maryland. Suzanne holds a BS in Environmental Science and a MA in Religion and Ecology. Suzanne is also a Community Based Social Marketing Technical Assistance Provider, assisting in the development of campaigns to change polluting behaviors.

F: Saturday, Oct. 1, 3:30 – 5:00

Engaging Youth with Creek Freaks Activities

Presenters: Samantha Roth, Izaak Walton League

Samantha Roth is the Clean Water Fellow at the Izaak Walton League of America and the coordinator and manager of the Creek Freaks program. This program trains informal and formal educators how to carry out lessons for youth about watersheds. She has worked for the Chesapeake Conservation Corps at the Audubon Naturalist Society, where she was trained in water quality monitoring and did many environmental education events. She also was a nature preschool teacher at the Schuylkill Center for Environmental Education before ending up at the Izaak Walton League.