



Welcome to the 11th Chesapeake Watershed Forum!

The Alliance is once again proud to host the Forum and work with the many organizations and leaders in the watershed that contribute to making this unique annual event a success.

Once again the Forum hopes to build and inspire a strong network of conservation leaders, showcase new restoration science and discuss emerging policies, programs and initiatives that depend on local leadership and the hard work and passion of people like you--the heart and soul of the Chesapeake watershed's environmental progress.

The theme of this year's Forum is "*A Personal Call to Action*"!

What will it take to clean up the rivers and streams in our watershed and ensure the long-term success and sustainability of the Chesapeake Bay restoration effort? The answer is personal and collective stewardship. Success will ultimately depend on the actions and support of the over 17 million people of the region who call this watershed home.

I believe that we really do not lack good science, or tools, or programs but sometimes tough personal choices. Today's challenges rest in finding ways to make the Chesapeake and its restoration more relevant to people, to sense of place, to health and quality of life—seeing a quality environment as an essential part of the communities we all want to live in. Sure, we need money, resources, laws and regulations. But what the Chesapeake needs now is more motivation, will, love....a strong sense that people care.

I know we will measure future success in pounds of pollution reduced but we need to equally measure our success in the changing behavior of our residents, the volunteer spirit in our communities, the #'s of local champions, and the personal call to action of a committed and informed public.

You are the advocates, the leaders, the catalysts for change that will help bring about this success, community by community. Look around you and you will see the heart of the watershed profession. I commend each of you for the hard work you do every day on behalf of the Chesapeake Bay and its rivers.

Together, we will get the job done.



Al Todd, Executive Director
Alliance for the Chesapeake Bay

A special thank you to the Planning Committee Members and their organizations for donating staff time and resources over the past year to help plan and promote this Forum. Their efforts are invaluable in coordinating the tracks, sessions and activities and have made the 11th annual Chesapeake Watershed Forum into an exceptional watershed event.

FORUM PLANNING COMMITTEE MEMBERS

Kate Baker, Chesapeake Conservancy
 Kristen Saacke-Blunk, Headwaters LLC
 Chante Coleman, Choose CleanWater Coalition
 Jennifer Dindinger, University of Maryland Sea Grant Extension
 Sadie Drescher, Chesapeake Bay Trust
 Lou Etgen, Alliance for the Chesapeake Bay
 Amy C. Handen, National Park Service - Chesapeake Bay Office
 Wink Hastings, National Park Service – Chesapeake Bay Office
 Craig Highfield, Alliance for the Chesapeake Bay
 Melinda Hughes, Nature Abounds
 Abbi Huntzinger, Chesapeake Bay Trust
 Mark Melino, National Fish and Wildlife Foundation

Jennifer ‘Jenny’ McGarvey, Alliance for the Chesapeake Bay
 David Morgan, Choose CleanWater Coalition
 Elizabeth Nellums, National Fish and Wildlife Foundation
 Ron Ohrel, Mid-Atlantic Dairy Association
 Mary Ellen Olcese, River Network
 Shannon Philbin, City of Rockville, Maryland
 Jake Reilly, National Fish and Wildlife Foundation
 Michael Sellitti, Sidney Center Improvement Group
 Julie Vastine, Alliance for Aquatic Resource Monitoring (Dickinson College)
 Rebecca Wertime, Forum Registrar
 Kacey Wetzel, Chesapeake Bay Trust
 Julie Winters, EPA Chesapeake Bay Program Office

A special thank-you to Peggy Sandretzky, National Park Service Liaison to NCTC in handling the on-site logistics for our event. We are proud to be part of the more than 15,000 conservation professionals who participate in workshops and training programs at NCTC each year.

THANK YOU TO THE SPONSORS FOR YOUR GENEROUS SUPPORT!



River Birch



Redbud



Paw-Paw





IN MEMORY OF WINK HASTINGS

MAY 11, 1947
TO
AUGUST 7, 2016

This year's Chesapeake Watershed Forum is dedicated to our colleague, Wink Hastings. *

Ward "Wink" Hastings died entirely too soon at the age 69 in Baltimore, MD after battling pneumonia. He was a gentle and thoughtful presence in our region for decades and a valuable mentor to many who work to protect and restore local rivers and streams. Wink's spirit and energy were also instrumental in creating the Forum in its earliest days and he was a steadfast member of the planning team throughout its history. Wink will be remembered by his Forum colleagues as always working to explore the links between land preservation and water quality and how local groups could champion these activities. Wink's life and career were living examples of a true "personal call to action."

The Chesapeake Watershed Forum was born out of a series of "Listening Sessions" held by the National Park Service across the watershed to determine the needs of local watershed groups in the realm of watershed planning. Wink and the Alliance hosted the Mason Dixon Dialogue in August 2005 and it was through these discussions with watershed activists on both sides of the MD/PA line that the idea of an annual gathering to exchange ideas and information with policy leaders and watershed groups throughout the Bay watershed was born. That first year, the outcome was unknown. Wink volunteered to help find funding and the Alliance began to coordinate the process needed to create the event. Wink's steady influence has led to what is now a signature event in its 11th year.

Wink was a true champion for public and private land conservation and had a distinguished 42 year career that spanned work with the USDA Forest Service, Bureau of Reclamation and Bureau of Land Management and National Park Service. In the late 1980's, Wink joined the National Park Service's Rivers, Trails and Conservation Assistance Program as a Landscape Architect in Milwaukee, later moving to Atlanta before finally ending up with the Chesapeake Bay Program in Annapolis. His work has spanned urban river greenways in Chicago and Milwaukee to conserving the route of the 1965 Selma to Montgomery march to local community-based river conservation.

Wink was seldom in the office and that's how he liked it. He spent his time in the field- working with local groups and teaching through practice and example. Wink was a conservationist, but he was also a photographer with an acute eye for the natural world, a talented woodworker, an extreme skier, rock climber, cyclist, hiker, kayaker, and competitive amateur triathlete. He was physically tough as nails, gentle in soul and heart, and in tune with popular culture. Wink was a kind, generous, and thoughtful friend with a wry sense of humor, a great storyteller, a life enthusiast, and a regular volunteer.

Wink will truly be missed by his Forum colleagues.

**Our thanks to Janice Hastings for some of the information included here.*



FRIDAY, SEPTEMBER 30

Registration	8:00 – 6:00	Entry Auditorium lobby
Welcome/Opening Plenary	10:30 – 12:00	Entry (Byrd) Auditorium
Lunch	12:00 – 1:30	Commons Dining Room
“A” Sessions	1:30 – 3:00	Instructional East/West
“B” Sessions	3:30 – 5:00	Instructional East/West
Dinner	5:30 – 7:00	Commons Dining Room
Keynote Speaker/Forestry Awards	7:00 – 9:00	Entry (Byrd) Auditorium

SATURDAY, OCTOBER 1

Breakfast	6:30 – 8:00	Commons Dining Room
Registration	7:30 – 2:00	Entry Auditorium Lobby
Bird Walk	7:00 – 8:15	Patio area (Commons Bldg.)
Morning Plenary Session	8:30 – 9:30	Entry (Byrd) Auditorium
“C” Sessions	10:00 – 10:50	Instructional East/West
“D” Sessions	11:10 – Noon	Instructional East/West
Lunch	12:00 – 1:30	Commons Dining Room
“E” Sessions	1:30 – 3:00	Instructional East/West
“F” Sessions	3:30 – 5:00	Instructional East/West
Free Time	5:00 – 6:00	NCTC & Local Environs
Dinner	6:00 – 7:30	Commons Dining Room
Poster Session	7:30 – 9:00	Roosevelt Room (Commons)

SUNDAY, OCTOBER 2

Breakfast	6:30 – 8:00	Commons Dining Room
Pack up, Field Trips & Explore the area on your own	9:00 until ?	Different Locales

See you next year, September 8 – 10, 2017

**Please turn in your name badge and
Forum evaluation form before you leave**

FRIDAY EVENTS

Forum Welcome and Opening Plenary Session – 10:30 – Noon

Join us in the **Entry (Byrd) Auditorium** as Al Todd, Alliance for the Chesapeake Bay; Nick DiPasquale, EPA Bay Program; and Jake Reilly, National Fish and Wildlife Foundation officially open the 11th Annual Chesapeake Watershed Forum.

The welcome will be followed by the Opening Plenary:

Stronger Together: Building Monitoring Networks in the Chesapeake Bay Watershed

There are many different groups in the Chesapeake Bay Watershed, from professional federal research groups to concerned home owner associations, collecting water quality data for a myriad of reasons and research questions. What if there was a way that we could leverage these data sources for filling in gaps in your own data needs?

The Chesapeake Monitoring Cooperative (CMC) team will lead plenary attendees in an interactive activity where participants will be challenged to think about how water quality data from multiple sources can be used to meet one common goal.

A representative of the Chesapeake Bay Program and team members will highlight the mission and goals of the CMC in the coming years as well as the resources that it will make available to the larger Chesapeake community.

The Chesapeake Monitoring Cooperative, project team is comprised of the Alliance for the Chesapeake Bay, the Izaak Walton League of America, Alliance for Aquatic Resource Monitoring, and the University of Maryland Center for Environmental Science, Integration and Application Network. Together these four organizations represent close to a century of experience in coordinating volunteer monitoring programs within the Chesapeake Bay Watershed. The CMC is supported through a cooperative agreement with the U.S. Environmental Protection Agency's Chesapeake Bay Program.

Keynote Speaker and Forestry Awards – 7:00 pm

Come back to the **Auditorium** for the awarding of the Forest Champions and to view the City of Trees film followed by a panel discussion.

2016 Forest Champion Award Winners

Lifetime Achievement Award:

James (Jim) Finley, Ph.D., Director of Center for Private Forests at Penn State, PA

Most Effective at Engaging the Public:

Anne Marie Clarke, Robert E. Lee Soil and Water Conservation District, VA

Greatest on the Ground Impact:

Angie Patterson, Dan DeWitt, Allegany County government and Dan Hedderick, MD Forest Service

Exemplary Forest Steward:

Mike and Laura Jackson, Bedford County, PA

SATURDAY EVENTS

Morning Forest and Bird Walk – 7:00 am – 8:15 am

Join the Alliance's Chesapeake Forests staff for a morning walk to view and discuss the birds and woods of NCTC. Bring your own pair of binoculars along. We will walk along paths and roads, but you may want to consider wearing long pants and bring insect repellent.

Meeting location: Patio area (Commons building)

Morning Plenary Session – 8:30 – 9:30 am

Join us in the **Entry Auditorium** where Christophe Tulou, Senior Advisor to the EPA Administrator--Chesapeake Bay and Anacostia River, will discuss the emphasis of local engagement in the TMDL Watershed implementation Plans (WIP) III's, and the EPA Administrator's plans for local restoration and conservation efforts on the ground, with a focus in Pennsylvania.

Evening Social and Poster Session – 7:30 pm

Come and join all Forum attendees in the **Roosevelt Room** (Commons) to network informally with spirits in hand and with groups represented from around the Chesapeake Bay Watershed and beyond. You will be able to view and interact with the authors of the posters describing Chesapeake Bay Watershed projects, programs, and activities, and to vote for the Best Poster Award. To encourage participation, all conference attendees who cast a vote will be eligible to win a raffle prize. For poster abstracts, locations, and additional information about the Poster Session please see the abstract booklet. Copies of the booklet may be found in your registration packet or at the Forum registration desk (Entry Auditorium lobby).

SUNDAY EVENTS

World Rivers Day

If you are participating in the World Rivers Day it is important to note that you need to check out of your lodging room AND move your car to the Blue Lot before leaving on the paddling trip. If you have brought your own boat please proceed to the NCTC boat ramp to unload and then return to the Blue Lot to park your vehicle.

Dairy Farm Tour

The dairy farm tour begins 10:00 a.m. at Misty Meadow Farm Creamery (14325 Misty Meadow Rd. Smithsburg, MD 21783). Pre-registration is required. If you pre-registered for the tour and did not receive an email confirmation, or if you would like to pre-register, please call Ron Ohrel at 267-559-2961.

Explore the Local Area

Check the NCTC lodging registration desk for ideas and directions to locations such as the C&O Canal, Harpers Ferry National Historical Park, Antietam National Battlefield to name a few. Or stay on the grounds and hike the many trails before departing for home.

ONGOING THROUGHOUT THE FORUM

Chesapeake Collective

Chesapeake Collective is an intentional effort to create a space for a range of diverse voices and narratives to be expressed, shared, and incorporated into the broader conversation about our common vision for a healthy, flourishing, and resilient watershed. While it certainly does not include all of the multiple voices and stories that make our watershed whole, it does provide a platform and an open invitation to those voices and stories that are often overpowered by the dominant narrative or left out of the conversation around holistic, interdependent watersheds and communities. Chesapeake Collective recognizes and celebrates our watershed-wide diversity as a source of strength and the foundation for the type of social movement it will take to meet our collective restoration goals. We hope that you will take the time to listen, watch, and be open to the many realities that make our watershed whole, as well as lend your voice to the conversation.

Look for the following Chesapeake Collective displays and activities at this year's Forum:

Demographic Survey

Take an anonymous survey to contribute to our understanding of who is attending this conference.

Water We Doing?

Explore the series of questions scattered throughout the Forum that invite you to think deeper about what we can achieve together and your own participation.

Chesapeake Stories

Listen and *add* to a collection of voices from the near, far, and underrepresented corners of the Chesapeake Watershed. Each shareable video adds another stroke to the painting of our multifaceted region.

Casualties of Climate Change: Voices from the Bay and Beyond

Experience a compilation of quotes and photographs from people within and without of the Chesapeake Watershed that focus on climate change and the impact it has on the people of the Bay Watershed today.

Mapping Our Forum Voices

Participate in the mapping of our Forum community, a project that highlights where we're from, where we live, and the places that inspire us. By visually showcasing who *is* present at this year's Forum, we also recognize and reflect on who is not.

Community Art Projects

Express yourself in community art projects that examine what brought us here, how we can support each other, and our vision for a healthy, flourishing, and inclusionary watershed.

Internship and Job Board

Make the most of this opportunity to post open internship and job positions and to find them.

Earth Charter

Join a global movement to achieve peace, justice, and sustainability. Look for opportunities to learn about and endorse the Earth Charter Initiative at the Forum!

WATER WORDS THAT WORK

Is YOUR website...

Search engine friendly? —

Easy to update? —

Mobile ready? —

If you answered "no," we can help!
Turn to us for attractive, low cost, low hassle websites.
Visit <http://bit.ly/wwtw-showroom> or call us at (800) 861.6012x2



City of Trees & Panel Discussion Friday, September 30, 2016

7:00 pm

Entry Auditorium

Since 1990, nonprofit Washington Parks & People has tried to reduce poverty and violence in Washington, D.C. neighborhoods by improving parks. At the height of the recession, the organization received a stimulus grant to create a “green” job-training program in communities hardest hit. They had two years to help unemployed people find jobs and care for parks in their neighborhoods.

Steve Coleman, a grassroots environmental activist who directs the organization, is tasked with using the grant to hire 150 unemployed residents to care for the city’s most blighted urban parks and improve upon the soft skills required to get a job. For Charles Holcomb, the paycheck offers him a chance to give his newborn daughter the life he never had. For Michael Samuels, the job training is a first step forward after a drug conviction marred his employment record. For James Magruder, the program offers a chance to prove that his neighborhood roots position him as an unsung leader.

What sounds like a simple goal — putting people back to work by planting trees — becomes complicated by local racial tensions, a community’s distrust of outsiders, and a fast-approaching deadline before the grant money runs out. Filmed in an unflinching and compelling verité approach over the course of more than two years, CITY OF TREES thrusts viewers into the inspiring but messy world of job training and the paradoxes changemakers face in urban communities everyday.

Join us as we engage in lively dialogue with the Panelists after viewing the film City of Trees.

Panel Moderator: Sarah Anderson, Lillie Leaf Solutions

Panelists: Lance Kramer, Meridian Hill Pictures
 Jeffrey Catts, Washington Parks & People
 Michael Samuels, Green Corps graduate
 Brenda Richardson, Earth Conservation Corps

CITY OF TREES earned the Audience Choice Award during its debut at the American Conservation Film Festival in 2015 and has since reached national audiences through the PBS America ReFramed broadcast series and local screenings around the country. For more information about the film, including how to host a local screening, please visit www.cityoftreesfilm.com.

It’s not just about nature, it’s about replacing crime with something good.” — **Steve Coleman**



In our efforts to increase the diversity of both the people we engage in restoration and those attending the Chesapeake Watershed Forum, we have included sessions in each track specifically geared towards working with, or of interest to diverse communities. They are designated in your program by this symbol.



We have also included sessions in each track that are designed with "New Chesapeake Professionals" in mind. These are sessions that provide a little more background information for those just starting out in the field. They are designated in your program by this symbol.

A: Friday, September 30, 1:30 – 3:00



Watershed Restoration Project Management Training – In a Nutshell

Moderator: Jake Reilly, National Fish and Wildlife Foundation

Watershed groups manage grant projects that are large (>\$100,000) and complicated. The Chesapeake Bay Trust as part of the Capacity Building Initiative saw watershed groups that struggled to manage and implement these larger restoration projects and identified this as a training need. The Watershed Restoration Project Management Training was offered as a four-day session and a mentoring opportunity led by Johnson, Mirmiran and Thompson's (JMT) in 2015-2016.

This Watershed Forum session will provide an abbreviated Watershed Restoration Project Management Training session with the JMT training lead, Jeremy Koser, offering the top tips for project management, organizational readiness, planning, design management, construction, and maintenance for your project. Attend this session to learn how to manage your restoration project team to meet grant program objectives and implement successful projects.

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

B: Friday, September 30, 3:30 – 5:00



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

Moderator: Jake Reilly, National Fish and Wildlife Foundation

With the roll-out of a cradle-to-post implementation tool for tracking and assessing BMP progress, NFWF, the MD Department of Natural Resources, and other funders have made it possible to more easily calculate the nutrient and sediment reductions possible and in practice from pollution reduction practice installation. Chesapeake Commons, the developer of the tool, "FieldDoc", have provided partners with a BMP calculator is user-friendly and enables a streamlined approach to determining the pollution reductions possible for stormwater, agriculture, and stream restoration projects and in synch with the Chesapeake Bay Program Watershed model. Other proven approaches to monitoring and assessing progress towards restoration have been deployed across the Bay watershed as well, including "visual indicators" checklists for resource improvements that provide practitioners with guidance for evaluating the performance of physical structures and management techniques. Join this discussion to see the new and proven tools of the trade and how best to integrate them into your practice monitoring efforts.

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

C: Saturday, October 1, 10:00 – 10:50



Protecting the Stream – High Impact and Cost Efficient

Moderator: Kristen Saacke Blunk, Headwaters LLC

We are all working together to prevent pollution from entering our streams. Attend this session to hear Trash Free Maryland's Julie Lawson share the latest results about microplastics, including what they are, the problem they pose for our streams, and how to prevent further degradation of the waterways. Also, attend this session to hear from Penn State's Kristen Kyler and Jennifer Fetter about live staking, reintroducing plant life directly into the stream banks as a low, cost and high return stream improvement practice to increase bank stability and decrease erosion. These sessions will take us from the urban landscape to the agricultural fields and the streams that are drain them both.

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

D: Saturday, October 1, 11:10 – 12:00



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

Moderator: Ron Ohrel, Mid-Atlantic Dairy Association

Clean and abundant water starts with soil health and function. Healthy soils assure plant productivity, improve infiltration, retain water, utilize nutrients, filter stormwater, and resist erosion. It's no surprise, then, that the connections between healthy soils and water quality are growing topics of interest. This session will feature presentations addressing the connections between healthy soils and water quality in both agricultural and urban landscapes.

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

E: Saturday, October 1, 1:30 – 3:00

Innovative Practices – A Deeper Dive into Resource Recovery

Moderator: Ron Ohrel, Mid-Atlantic Dairy Association

Nutrients such as nitrogen and phosphorus are essential to crop production, but they can cause water quality problems when they enter the Chesapeake Bay and its tributaries. The capture and recovery of valuable nutrients before they enter local waterways not only has implications for improving water quality, but also holds great economic potential. This session will discuss some emerging technologies for treating wastewater and livestock manure in ways that reduce nutrient loads to the environment and create marketable products.

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

F: Saturday, October 1, 3:30 – 5:00



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

Moderator: Kristen Saacke Blunk, Headwaters LLC

Improving water quality requires that the right practice (or suite of best management practices) are selected for the right location to ensure the greatest environmental response in respect to reducing the potential of pollutants to reach or impact natural waters. The National Conservation Training Center (NCTC), built in the 1990s and noted nationally for its conservation design, established stormwater management systems aligned with the design and expectations of that era. Like many places and institutions, the science of restoration has evolved and best practices of the past require improvements, retrofits, and overhauls. This session will get participants on the ground with NCTC facilities and land management staff to explore its stormwater management systems, the management and retrofit needs, and engage us in collective thinking about what improvements and opportunities are possible for future siting, design, and on-going placement and prioritization of these BMPs.

Presenters: Teresa Walter and Phil Pannill, NCTC



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A: Friday, September 30, 1:30 – 3:00



Land Protection 101

Have you heard about conservation easements, but aren't quite sure what that entails? In this session you will hear from veteran land trust managers with over 20 years of experience in the field and learn the basics of land preservation and the critical role it plays in restoring water quality and protecting habitat. The session is geared toward staff and board members of watershed organizations and local government officials and the material will appeal to early career and more experienced professionals alike.

Presenters: John Turgeon, Maryland Environmental Trust; Jared Parks, Eastern Shore Land Conservancy

B: Friday, September 30, 3:30 – 5:00

Landscape Conservation Collaboration: Large-Scale and Local

Landscape Conservation Cooperatives (LCC's) promote science-based collaboration on large-scale challenges. The Appalachian LCC touches fifteen states and the Chesapeake's headwaters. Based on shared objectives, partners map target areas for conservation action. This session reviews the LCC's large-scale work and describes how a watershed land trust partner applies it to their work.

Presenters: Jean Brennan, National Conservation Training Center, U.S. Fish & Wildlife Service; Kelly Watkinson, Cacapon and Lost Rivers Land Trust

C: Saturday, October 1, 10:00 – 10:50

Mapping Invasive Species using the Mid Atlantic Early Detection Network

*****TECHNOLOGY COMPONENT- Participants should download app prior to session*****

Mapping the location and abundance of invasive plants and animals is fundamental to management efforts. The Mid Atlantic Early Detection Network (MAEDN) phone app provides a simple tool for professionals and novices to quickly report invasive species locations that are stored in the Early Detection and Distribution Mapping System (EDDMapS).

Presenter: Jil Marie Swearingen, Mid Atlantic Early Detection Network

D: Saturday, October 1, 11:10 – 12:00

New Chesapeake Land & Water Initiative

The Chesapeake Land & Water Initiative is a new partnership between the Land Trust Alliance and the Chesapeake Bay Funders Network. The workshop will foster a discussion on how the Initiative deploys an integrated approach to land protection, stewardship, community engagement, and public policy that will best preserve water quality.

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

E: Saturday, October 1, 1:30 – 3:00

Enhancing Maryland's Resiliency through Conservation (Computer Lab)

To prepare for future climate impacts, the State of Maryland has evaluated marsh migration potential and assessed where natural habitats reduce community exposure to coastal hazards. Participants will

learn about Maryland's Coastal Atlas mapping platform supporting climate smart conservation and restoration planning, including Wetland Adaptation Areas and Coastal Resiliency datasets.

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

F: Saturday, October 1, 3:30 – 5:00



Getting Trees in the Ground in Urban Areas

What does it take to get more trees planted in the city? More -- and less -- than you expect. Hear how the Borough of Chambersburg and the Alliance for the Chesapeake Bay successfully reached out to low income urban residents in Chambersburg and secured dozens of street tree applications in just a few weeks. We will provide key program insight for reducing barriers and how we identified the local hanging fruit to achieve success.

Presenters: Laura Ganus, Water Words that Work, LLC; Donna Morelli, Alliance for the Chesapeake Bay



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Faith and the Environment

What does *FAITH* have to do with the *ENVIRONMENT*?
When is it our responsibility to take action?
Join us for this important conversation.

Nov. 13-15, 2016

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**THE CHAPMAN
DIALOGUES**

Conversations on Faith



A: Friday, September 30, 1:30 – 3:00

Planning for Effective Collaboration with Local Governments

This moderated discussion will provide an overview of Local Government processes, with an emphasis on timelines and restrictions relevant to project implementation. Members of the Local Government Advisory Committee are invited to attend and share experiences, along with anybody wishing to engage or collaborate with local governments.

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

Workshop level: Intermediate

B: Friday, September 30, 3:30 – 5:00

Stormwater Efforts in Southcentral Pennsylvania

Lancaster staff will summarize how they are working to plan, guide and regulate development that institutionalizes their green infrastructure efforts and achieves the goals set forth in their Green Infrastructure Plan.

American Rivers will review how they are engaging MS4 municipalities in Blair County, PA to develop strong stormwater management programs that include education and outreach, financial planning, and professional training for design and implementation of BMPs.

Presenters: Karl Graybill, City of Lancaster, Pennsylvania; Brian Hazelwood, American Rivers (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

Workshop level: Introductory/Intermediate

C: Saturday, October 1, 10:00 – 10:50

Environmental Protection Agency

The Chesapeake Bay Program Office (CBPO) will provide an overview of the issues being addressed under the Chesapeake Bay TMDL through the 2017 Mid-Point Assessment, including climate impacts, projected land use, lag times, phosphorous saturated soils, Conowingo Dam, James River chlorophyll-a, Phase 6.0 Watershed Model, water quality trends, new and revised BMP's, as well as EPA expectations for Phase III Watershed Implementation Plans. An update on the implementation of the goals and outcomes of the 2014 Watershed Agreement and the latest health and restoration indicators, as well as highlights from the September 27 CBP Executive Council meeting, will also be provided.

Presenter: Nick DiPasquale, EPA

Workshop level: Introductory/Intermediate

D: Saturday, October 1, 11:10 – 12:00



Standardizing Anacostia Watershed Trash TMDL/MS4 Reductions

Participants will gain knowledge and information about how Anacostia jurisdictions responded to recent concerns about the Trash TMDL and how those concerns are driving the work of the Anacostia Trash Reduction Workgroup. Participants will be able to apply what they learn to develop a watershed-scale trash monitoring program driven by specific or regulatory objectives, and how to work collaboratively to develop a standardized approach to assessing reductions.

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

Workshop level: Intermediate

E: Saturday, October 1, 1:30 – 3:00

Planning to Protect Environmental Assets

The session will describe a campaign by the Smarter Growth Alliance for Charles County to win a sustainable comprehensive plan for the county's future. The process of developing the plan, which has a horizon of 2040, began in 2011 and will conclude by August 2016. For the county's treasured Mattawoman Creek, which is declining as a result of overdevelopment, this plan is the last chance for the county to change course and establish permanent protections. This session will help participants identify smart growth and environmental protection messages that resonate with the public and elected officials as well as identify how advocates can partner with each other for success, using the Smarter Growth Alliance for Charles County as a model.

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

Workshop level: Introductory/Intermediate

F: Saturday, October 1, 3:30 – 5:00



Improving Conservation with Data and Tools (Computer Lab)

The Chesapeake Conservancy is partnering with the Chesapeake Bay Program to help map the entire Bay watershed on a one-meter scale. Participants will learn about the regulatory context for this effort, plus what is and can be done with this information to revolutionize each sector of the conservation community.

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

Workshop level: Introductory/Intermediate



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A: Friday, September 30, 1:30 – 3:00



Prioritizing Cultural Competency for Watershed Success

As we work to become a more diverse and inclusive advocacy community, we will need to be armed with the proper tools to ensure we reach success. Panelists will reflect on their personal experience with cultural competency training and discuss how this training is key to boosting our ability to reach out and engage with people from other cultures and backgrounds.

Moderator: Vernice Miller-Travis, Skeo Solutions

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

B: Friday, September 30, 3:30 – 5:00



Building a Diverse, Inclusive Board of Directors

While many nonprofit organizations want to create a diverse board of directors that values and engages all members, the journey to do so is complex and challenging. This interactive workshop is designed to look at what it means to create and engage a diverse board and why it matters to your organization. You will also explore useful tools and approaches to recruiting and involving a diverse group of board members and to building a leadership pipeline. Participants will explore concepts and real examples to identify next steps for themselves and their organizations.

Presenter: Sarah Clark, Institute for Conservation Leadership

C: Saturday, October 1, 10:00 – 10:50

Operating on a “Shoe-string” Budget

Today's technology provides organizations with diverse options to maintain smooth operations and communication with others. Coordinating Chesapeake Bay-wide initiatives often requires using innovative ways to bring together stakeholders. But how do you narrow the options? When does it make sense to use free tools versus investing money? Come listen to two examples for maintaining organizations on a limited budget. During this session the presenters will shared the tools they used to overcome their operating challenges. Learn what worked and did not work for them. And join the discussion about additional tools others are using to meet their organizational needs on a shoe string budget.

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

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

Best Databases for River and Watershed Groups

Member/donor databases are changing fast. Old, beloved options are disappearing, and new online databases offer new capabilities – often at higher cost. What’s best for your organization? We’ll walk through a matrix to help you assess what you need, what you can afford, and (perhaps most important) what you have the internal capacity to use well. You’ll get to talk with other activists who are also looking for a database, and receive a copy of the latest results of the Survey of Databases for River and Watershed Groups. You’ll get more from this workshop if you already know a little about your organization’s database and databases challenges.

Presenter: Baird Straughan, LeadGreen

E: Saturday, October 1, 1:30 – 3:00

Collaboration: Boost Results and Reduce Friction

It’s practically impossible to advance your mission anymore without collaborating. Why do some collaborations move smoothly while others sputter while driving everyone crazy? This session will include models and dialogue on elements of successful partnerships, collaboration, collective impact and other types of strategic alliances. We will discuss ways to set your collaboration up for success and even joy while avoiding common stressors.

Presenter: Heather Illif, Maryland Nonprofits

F: Saturday, October 1, 3:30 – 5:00

Volunteer Engagement and Retention

Does your watershed organization need an infusion of resources to help re-engage your volunteers? Are you a volunteer doing watershed work or someone who provides technical and programmatic support to watershed volunteers? If so, what do you notice about your group’s dynamics? Have you experienced the same leadership for a while? Has the momentum of the group faded? Are you wishing that someone else would step up and share the burden of leadership activities? If you answered yes, then this session is for you. This workshop will take participants through planning strategies and volunteer recruitment/retention resources in a fun, interactive way. Participants will leave with tools that they can start implementing at their next meeting.

Presenter: Julie Vastine, Dickinson College/ALLARM



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A: Friday, September 30, 1:30 – 3:00

Chesapeake Tree Challenge

At a recent meeting, writer Tom Horton commented, "I always tell people that if they want to do something for the Bay, plant some trees." Is the Bay restoration effort challenging people to plant more trees? If there was a watershed-wide call to action to meet a challenge of planting 5 or even 25 million trees by 2025, what would your watershed organization pledge and publicly record trees for this effort? What would make this worthwhile to you? This workshop session is an opportunity for local conservation groups to brainstorm what this challenge might entail, how best to get tree planting efforts recognized at a watershed scale, and gain the support needed to meet the call of a Chesapeake Tree Challenge.

Presenters: Alliance Staff (Craig Highfield, Jenny McGarvey, Al Todd)

Workshop level: Intermediate

B: Friday, September 30, 3:30 – 5:00

Invasive Plants Management: Field Tour

Join NCTC's Phil Pannill for an on-the-ground education in invasive plants management. In this all outdoor session, learn what management techniques worked (and didn't work) for controlling the invasive plants of greatest concern at NCTC, and how to utilize these practices in your own restoration efforts.

Presenter: Phil Pannill, National Conservation Training Center (NCTC)

Workshop level: Intermediate

C: Saturday, October 1, 10:00 – 10:50

Advocating for Private Forests

Because most landowners are not financially dependent upon their timber, cherish their solitude, and because the forestry profession is dominated by introverts, this audience often have a difficult time advocating for their woods. With some great examples, this workshop will demonstrate how we can assist landowners to hone their personal skills plus form effective partnerships to get the sustainable forest message across to local, state and federal legislators.

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

Workshop level: Introductory

D: Saturday, October 1, 11:10 – 12:00

Poague Run- Sterling Example of Watershed Restoration

The Poague Run watershed is a tributary of Lewis creek, which flows into the Middle River, the South Fork of the Shenandoah River, and eventually the Potomac River. Prior to 1998, the Poague Run suffered from unsafe levels of fecal coliform due to a series of poor practices, including livestock in the stream and failing septic systems. Today, native brook trout have been reintroduced to Poague Run thanks to a successful restoration effort built upon leadership, partnership, and people working together. Bobby will recount the history of this restoration effort, while highlighting how to use this example as a model for achieving similar stewardship and restoration in your watershed.

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

Workshop level: Introductory

E: Saturday, October 1, 1:30 – 3:00



Tree ID 101

This session is a crash course on the most common trees and shrubs found in regional forests, using site characteristics and morphology to identify trees. We begin indoors with a review of dichotomous keys and web resources before heading outside for a woods walk on the NCTC campus to practice tree and shrub identification.

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

Workshop level: Introductory

F: Saturday, October 1, 3:30 – 5:00



Tree Canopy, Environmental Justice and Community Engagement

Moderator: Sarah Anderson, Lillie Leaf Solutions, LLC

An in-depth panel discussion on developing and implementing community engagement strategies that support efforts to grow urban tree canopy and serve as tools for addressing local environmental justice issues. The discussion will focus on strategies employed in Washington, DC and Baltimore, MD communities, and examples may include green jobs training programs in underserved communities and targeted outreach campaigns.

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

Workshop level: Intermediate



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A: Friday, September 30, 1:30 – 3:00

Certifying Professionals for Sustainable Landscape Maintenance

The Chesapeake Bay Landscape Professional (CBLP) program is developing a voluntary Bay-wide sustainable landscape certification. Through regional collaboration with watershed groups, non-profits, local government, landscape trade organizations, education/training partners, and businesses, CBLP is building a network of professionals able to properly design, install, and maintain residential stewardship and stormwater practices.

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

Workshop level: Intermediate

B: Friday, September 30, 3:30 – 5:00



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

Engaging diverse faith communities found in an urban setting to become engaged in watershed stewardship offers both challenges and opportunities. This workshop will present communication strategies, skills for mobilizing faith communities and beyond, using models from faith-based watershed advocacy and action in collaboration with technical partners. Experiential exercises offered will illustrate group decision-making process to accelerate stewardship actions and expand local leaders' potential for influence to "create a ripple effect."

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

Workshop level: Introductory

C: Saturday, October 1, 10:00 – 10:50

Fair Farms: A Campaign for Sustainability

Fair Farms launched in December of 2015 with the idea of connecting farmers, farm markets, CSAs, restaurants, businesses, public health and environmental organizations with one another—and with consumers—to move Maryland toward a more sustainable farm and food system. We achieve our goals through an online and offline campaign of engagement.

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

Workshop level: Intermediate

D: Saturday, October 1, 11:10 – 12:00



Buzzard's Point Story

The Buzzard's Point story has been shared numerous times to get help for the community. As an affected neighborhood with little to no resources, it had been difficult to get help for the residents. Storytelling was used as a primary tool to raise the conscience awareness of community concerns to groups and individuals. Word-of-mouth has been used culturally to as a method to share information for generations. However, its effectiveness to also be used to fight environmental injustice has been demonstrated in the case of the Buzzard's Point community. This workshop will highlight the importance of storytelling in environmental justice and create an understanding of how social groups and individuals can be united through the power of one story shared among those who care.

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

Workshop level: Introductory

E: Saturday, October 1, 1:30 – 3:00

Social Marketing Case Study: Sewer Overflows

Imagine thousands of families pledging to do their part to prevent sewer spills into your waterway. That's exactly what happened in New Castle County, Delaware in spring 2016. In this hands-on workshop, you'll learn how we did it and how to apply the principles to your own situation.

Presenter: Eric Eckl, Water Words That Work, LLC

Workshop level: Intermediate

F: Saturday, October 1, 3:30 – 5:00

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

The ELANCO (Eastern Lancaster County) Source Water Collaborative, one of three national pilot projects of the EPA, is comprised of a large coalition of government and private partners. The coalition works with conservative Mennonite farmers and residents to improve drinking water quality in the region. The session will discuss communication practices used within the Collaborative to reach a very change-adverse audience and how understanding constituent value systems shaped the education and outreach effort to great success.

Presenter: Stephanie Armpriester, Lancaster Farm Trust

Workshop level: Introductory, Intermediate



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A: Friday, September 30, 1:30 – 3:00

Many, Cheap & Easy Stormwater Projects: Part II

Participants will work in small groups with simple residential site plans, to learn how to select, size, and cost out small-scale solutions including trees, conservation landscapes, and cisterns (with improvements based on feedback from the 2015 CWF workshop).

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

Workshop level: All levels

B: Friday, September 30, 3:30 – 5:00



Applying Baltimore and Richmond Successes to Other Audiences

In this session, you'll hear about successes in two different communities. First, The Chesapeake Bay Foundation's National Fish and Wildlife grant in the urbanized Broad Rock community resulted in an innovative project that combined stormwater BMPs, community gardening in a food desert, *educational* programming about food production and healthy eating habits, and community building within the church and surrounding area. Second, hear how the energy and devotion attributed to faith communities can be applied to other diverse audiences. Engage diverse communities to focus attention on environmental stewardship and improving your local watershed.

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

Workshop level: Introductory

C: Saturday, October 1, 10:00 – 10:50

Community Engagement and Green Infrastructure Implementation

This session will present insights into the City of Lancaster's continually evolving outreach and public engagement efforts to encourage and incentivize green infrastructure through redevelopment and retrofit projects on private property. Attendee interaction and participation is encouraged as a way to share experiences for what works and how it works.

Presenters: Karl Graybill and Douglas Smith, City of Lancaster

Workshop level: All levels

D: Saturday, October 1, 11:10 – 12:00

Howard County Commercial Stormwater Solutions WorkGroup

Howard County, Maryland, convened an 11-member Commercial Stormwater Solutions Work Group to provide recommendations on effective strategies to incentivize commercial property owners to better manage stormwater run-off and assist the County in complying with its MS4 permit, including financial and technical incentives, maintenance support, and acceptable owner agreements.

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

Workshop level: Intermediate

E: Saturday, October 1, 1:30 – 3:00

Responding to the Call: Tools for Action

So you have called your community to action, now what? Turn those good intentions into actions that reduce pollution. Determine the most effective residential landscape practices for reducing polluted runoff. Using several new online tools, evaluate runoff volume, determine the best rainscaping practice and design your own conservation landscape.

Presenter: Suzanne Etgen, Anne Arundel County Watershed Stewards Academy

Workshop level: Intermediate

F: Saturday, October 1, 3:30 – 5:00



Engaging Youth with Creek Freaks Activities

In order to ensure that there is community engagement in future generations, we must foster passion for environmental stewardship in youth today. This session will equip you with the entire Creek Freaks Curriculum, with a week’s worth of tools and activities to use with a school class, club, scout troop, summer camp, volunteer group, etc.

Presenter: Samantha Roth, Izaak Walton League

Workshop level: All levels



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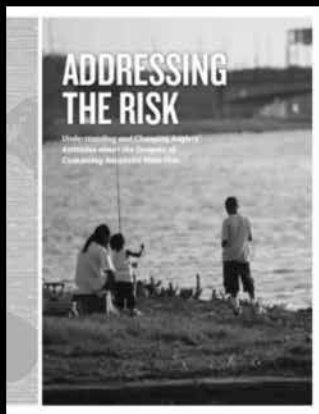
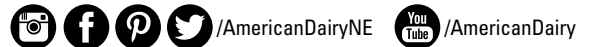
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