

**Penn State Extension**

# **Dive Deeper II**

**A multi-state, biennial environmental  
education summit spotlighting innovative  
teaching about water**



## **PROGRAM**

**Thursday September 25, 2014**

**8:15 a.m. - 3:30 p.m.**

**The Central Hotel & Conference Center  
Harrisburg, PA**

**PENNSTATE**



**Cooperative Extension**  
*College of Agricultural Sciences*

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# Agenda (morning)

8:15 a.m.	<b>Registration, Exhibits, &amp; Refreshments</b>	Atrium
8:45 a.m.	<b>Opening Remarks: Jennifer Fetter</b>	Central A/B
9:00 - 9:45 a.m.	<b>Keynote Speaker: Eric Eckl</b> The World Outside: What They Say About Why Your Work Matters	Central A/B
10:00 - 10:45 a.m.	<b>Concurrent Sessions 1</b>	
	<b>Combat Communication for Conservationists (continues to session 2)</b> Eric Eckl	Central A/B
	<b>Learning About Pennsylvania's Future Climate using Google maps and weTable Whiteboard Technology</b> Ann Faulds	Central C
	<b>Helping Turtles in Your Watershed</b> Melinda Hughes-Wert	Central D
11:00 - 11:45 a.m.	<b>Concurrent Sessions 2</b>	
	<b>Combat Communication for Conservationists (cont'd from session 1)</b> Eric Eckl	Central A/B
	<b>Bubbling to the Surface: Using What's New with Project WET to Enhance Your Classroom</b> Jessica Kester	Central D
	<b>Partnerships, Practices, Curriculum, and Outreach Education for Groundwater Protection</b> Dr. Kerry Richards, Kelly Over Lowery, Erin Frederick	Central E

# Agenda (afternoon)

11:45 a.m.	<b>Lunch, Exhibits, &amp; Networking</b>	Heritage Room
12:45 - 1:30 p.m.	<b>Concurrent Sessions 3</b>	
	<b>The greenSTEM Network: Connecting Students to Green Stormwater Infrastructure</b> Ellen Schultz & Matthew Fritch	Central A/B
	<b>Explore Your Environment With Student Built Underwater Robots</b> D. Bradford Boughton	Central C
	<b>From Classroom to Creek: An Experiential Expedition</b> Sallie Gregory & Allie Toomey	Central E
1:45 - 2:30 p.m.	<b>Concurrent Sessions 4</b>	
	<b>Abandoned Mine Drainage Curriculum: A Model for Other Pollution Sources</b> Rebecca Holler	Central C
	<b>Understanding Drinking Water Sources</b> James A. Clark	Central D
	<b>Community Connections to Our Watershed - High School Environmental Forum</b> Angela Lambert, Carissa Longo, & Diane Madl	Central E
2:40p.m.	<b>General Session: Frank Christopher</b> Water Blues Green Solutions	Central A/B
3:25p.m.	<b>Closing Remarks: Jennifer Fetter</b>	Central A/B

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# Keynote Speaker:

## **Eric Eckl, Water Words That Work, LLC**

### **THE WORLD OUTSIDE: WHAT THEY SAY ABOUT WHY YOUR WORK MATTERS**

Take a journey through conservation insights from social scientists and market researchers. The findings are sometimes heartening, sometimes frustrating — but always fascinating! We will explore what polls, surveys, focus groups, and other research tools teach us — and how they mislead us — about the public's attitudes towards you and your work.

*Eric Eckl founded Water Words That Work LLC as a marketing and public relations firm for nature protection and pollution control organizations. Since 2009, the company has assisted more than 50 conservation organizations, including the National Park Service, the Alliance for the Chesapeake Bay, the Southwest Florida Water Management District, the Minnesota Association of Watershed Districts, the Ogeechee Riverkeeper, and many others. Before launching Water Words That Work, Eric managed fundraising, media relations, and publishing activities for many conservation organizations. His past employers include Beaconfire Consulting, American Rivers, the U.S. Fish and Wildlife Service, and the White House Council on Environmental Quality. Eric has appeared in countless media stories, including CNN and the New York Times. He is a frequent speaker at environmental, marketing, and technology conferences.*

# Opening and Closing Remarks:

## **Jennifer Fetter, Penn State Extension - Watershed/Youth Development Educator**

*Jennifer Fetter is a Watershed/Youth Development Educator for Penn State Extension. Jennifer's work focuses on enhancing youth water education across the state of Pennsylvania. In addition to facilitating the biennial Dive Deeper Summit, she has also developed several innovative youth water education programs. Of note she developed and piloted the 4-H Stream Teams Program, that teaches youth about water within their own small watershed with a community service focus. She also designed and produced Watershed Decisions, an inquiry-based roleplaying activity where participants learn about water quality and small watershed restoration. Penn State Extension offers practical how-to education and problem-solving assistance based on university research and strives to help people make informed decisions to better their lives, businesses, and communities.*

**Dive Deeper II - Youth Water Educators Summit  
Thursday, September 25, 2014 - Harrisburg, PA**

# General Session Speaker:

## **Frank Christopher, Penn State Public Media**

### **WATER BLUES GREEN SOLUTIONS**

*Water Blues Green Solutions* is a documentary project designed to promote awareness of the role that green infrastructure can play in creating a sustainable water future. The documentary has an accompanying outreach campaign which includes an interactive website, educational media and resources, and community events. The ultimate project goal is an informed citizenry that can intelligently assess and influence policy and practice.

*Frank Christopher is the Director of Water Blues Green Solutions, produced by Penn State Public Media. His award-winning public television documentaries cover a range of topics including American healthcare, marine wildlife, and nuclear waste disposal. A producer, director, writer, and editor, he has garnered the highest recognition for his work, including an Academy Award nomination for best feature-length documentary, six Emmys, and four CINE Golden Eagle Awards.*

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- **PPL Corporation**
- **Pennsylvania Association of Conservation Districts**
- **Penn State Agriculture and Environment Center**

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# Concurrent Sessions 1:

## 10:00-10:45 a.m.

### **COMBAT COMMUNICATION FOR CONSERVATIONISTS**

(Presented in Central A/B)

#### ***Eric Eckl, Water Words That Work, LLC***

Conservation and controversy go hand in hand. Sooner or later, the mud will fly and your work and your reputation will be on the line. In this training, you will hone messaging skills you need to set the record straight and come out on top! (This presentation will be 2 concurrent session time slots back to back, must attend session 1 and 2.)

*Eric's complete bio can be found in the keynote speaker section of the program.*

### **LEARNING ABOUT PENNSYLVANIA'S FUTURE CLIMATE USING GOOGLE MAPS AND WE TABLE WHITEBOARD TECHNOLOGY**

(Presented in Central C)

#### ***Ann Faulds, Pennsylvania Sea Grant***

This workshop will explore climate projections for Pennsylvania along with an overview of climate planning underway in the City of Chester, PA. In the second half of the workshop, participants will work in small groups to explore online interactive Google maps using weTables, low-cost, do-it-yourself table-top whiteboards to enhance small group lessons.

*Ann Faulds is an aquatic biologist with 25 years' experience in science instruction, coastal outreach, and aquatic resource education. Ann Faulds heads-up the Chester Pennsylvania Sea Grant Office which focuses on improving the environmental and economic health of Pennsylvania's eastern coast, 112 miles of coastline along the Schuylkill and Delaware Rivers in Bucks, Philadelphia, and Delaware Counties. Ann's outreach activities include climate adaptation planning, watershed education, and AIS outreach. Other specialties include fish consumption risk communication, wetland, stream, and lake ecology, and aquatic entomology.*

**Dive Deeper II - Youth Water Educators Summit  
Thursday, September 25, 2014 - Harrisburg, PA**

## **HELPING TURTLES IN YOUR WATERSHED**

(Presented in Central D)

***Melinda Hughes-Wert, Nature Abounds***

Turtles in your watershed need your help! In fact, almost 50% of turtle and tortoise species around the world are classified threatened or endangered. In this session, find out how you and your students can help turtles.

*Melinda Hughes-Wert is the President and Co-founder of Nature Abounds, a national non-profit bringing people together for a healthy planet through volunteerism and environmental stewardship. Since incorporating in 2008, Nature Abounds has launched several signature opportunities IceWatch USA, Watch the Wild, Turtle Ambassadors, Climate Change Ambassadors, and Knitter's for Nature's Critters. Nature Abounds has also revitalized the Senior Environment Corps (SEC), a group of senior volunteers working to protect the nation's environment. Nature Abounds was awarded a 2013 Western Pennsylvania Environmental Award for revitalizing the program.*

## **Concurrent Sessions 2:**

**11:00-11:45 a.m.**

### **BUBBLING TO THE SURFACE: USING WHAT'S NEW WITH PROJECT WET TO ENHANCE YOUR CLASSROOM**

(Presented in Central D)

***Jessica Kester, PAEE and The Outdoor School***

Make a splash in your classroom by playing video games! Educational games of course but the students don't have to know that! Join Jessica Kester, PAEE Pennsylvania State Coordinator of Project WET, as we walk through some of the new STEM aspects found with the new Project WET 2.0 Guide and the new online Discover Water Portal. This hands on session is great for individuals new to WET and those who have gone through a training before but still have one of the old "white 1.0" guides. If you have a laptop, tablet, or smartphone bring it along to try out the game. Don't have one, no problem, you'll still be able to experience this exciting workshop.

*Jessica Kester is the PAEE PA State Coordinator of Project WET and Program Manager of The Outdoor Classroom in Pittsburgh, PA. Obtaining degrees in Biology/Marine Science & Secondary Education/Biology allowed Jessica to join her two passions, the natural world and sharing her knowledge with others. This degree combination has taken her to the barrier islands of Chincoteague/Assateague VA, the rocky glacier valleys of Illinois, and the deciduous forests of western PA.*



## Concurrent Sessions 2 (cont'd):

**11:00-11:45 a.m.**

### **PARTNERSHIPS, PRACTICES, CURRICULUM, AND OUTREACH EDUCATION FOR GROUNDWATER PROTECTION**

(Presented in Central E)

***Dr. Kerry Richards, Kelly Over Lowery, & Erin Frederick, Penn State Pesticide Education Program & Master Watershed Steward Program***

The Penn State Pesticide Education Program and Penn State Master Watershed Steward Program are partnering together to package and develop curriculum resources for formal and non-formal educators to teach groundwater safety to youth. Lessons will focus on safe pesticide practices to prevent groundwater point and non-point source pollution.

*Dr. Kerry Richards is the Director of the Penn State Pesticide Education Program and has been with the program for over 20 years. Her diverse responsibilities include providing pesticide safety training, developing curriculum for high school science and agriculture programs, and delivering outreach education for consumers and youth.*

*Kelly Over Lowery is an Education Program Associate with the Penn State Pesticide Education Program. Her program responsibilities include collaborating with educators for the development and delivery of pest management and pesticide safety lessons, as well as coordinating outreach education for consumers and youth.*

*Erin Frederick is the Master Watershed Steward Coordinator, Master Gardener Coordinator, and Agricultural Marketing Program Assistant in Lehigh and Northampton Counties. She developed the Master Watershed Steward program with local project partners in Lehigh and Northampton counties and is working to expand the program throughout the state.*

## Concurrent Sessions 3:

**12:45-1:30 p.m.**

### **THE GREENSTEM NETWORK: CONNECTING STUDENTS TO GREEN STORMWATER INFRASTRUCTURE**

(Presented in Central A/B)

***Ellen Schultz & Matthew Fritch, Fairmount Water Works/Philadelphia Water Department***

In spring 2014, the Philadelphia Water Department and a ragtag group of civic hackers combined forces to connect students to their schoolyard rain gardens. Students designed and built low-cost environmental sensors to monitor their gardens. And because it's the 21st century, we built a real-time web application that tells students when their plants need watering. Visit [www.greenstemnetwork.org](http://www.greenstemnetwork.org)



*Ellen Schultz is the Associate Director of Education at the Fairmount Water Works /Philadelphia Water Department. Since 2004, she has developed curriculum for the center on environmental issues related to water quality and watershed management, the history of Philadelphia's water system and education and advocacy programming related to global water issues. Presently, she is leading a comprehensive curriculum project called "Understanding the Urban Watershed" which is being piloted in Philadelphia classrooms. The Fairmount Water Works was just awarded a three-year grant from the William Penn Foundation for a Teacher Fellowship for middle school teachers to create an Urban Watershed Curriculum.*

*Matthew Fritch is an environmental engineer with the Philadelphia Water Department's Office of Watersheds. He monitors water quality in rivers and streams and develops low-cost sensor systems for green stormwater infrastructure. In the past year, he has worked to develop the greenSTEM Network, a web application and learning project that connects students to real-time environmental data.*

## **EXPLORE YOUR ENVIRONMENT WITH STUDENT BUILT UNDERWATER ROBOTS**

(Presented in Central C)

### ***D. Bradford Boughton, Pennsylvania Sea Grant***

Learn how to build Underwater "SEA PERCH" remotely operated vehicles with your students to bridge the world between the water and the shore. This unique, "hands-on" project guides students through the construction, testing and deployment of robots to aid in the collection of data to assess environmental water quality. It is the perfect STEM project for your classes focused on kinesthetic learning. It has been successfully used in Gr. 6-12 in streams, ponds and lakes.

*David Boughton received a Bachelor's Degree in Recreation and Park Management in 1986 from Penn State University and a Master's Degree in Education in 2000 from the College of Notre Dame. He was employed as the Navy Outdoor Recreation Program Manager from 1986-97, coordinating Recreation Programs and Environmental Education to Navy bases worldwide. He has also employed as a Park Ranger in the National Capital Region, ski instructor, windsurfing instructor, scuba instructor, and tour director. He then worked as a fourth grade teacher, certified in secondary History and Science. David is currently a Maritime Education Specialist with Pennsylvania Sea Grant, coordinating shipboard education aboard the Research Vessel "Environaut" and the US Brig Niagara and facilitating "Lake Erie Science" programs aboard vessels with student groups to test water chemistry, sample benthic sediments, identify plankton, fish monitoring and surveying.*

**Dive Deeper II - Youth Water Educators Summit  
Thursday, September 25, 2014 - Harrisburg, PA**

## Concurrent Sessions 3 (cont'd):

**12:45-1:30 p.m.**

### **FROM CLASSROOM TO CREEK: AN EXPERIENTIAL EXPEDITION**

(Presented in Central E)

***Sallie Gregory & Allie Toomey, Lancaster County  
Conservation District and EarthEcho International***

Water and woods make a perfect pair. Riparian means 'near water.' A riparian buffer is a stand of trees and plants that can catch potential pollutants near streams and support flooding waters to prevent soil erosion. We will use experiential learning and online free resources from EarthEcho International to investigate the value of restored streambank buffers and the benefits to local freshwater watersheds.

*Allie Toomey is the Education Coordinator for EarthEcho International and works with educators from across the country to incorporate STEM project-based learning into their curriculum. Sallie Gregory is the Education Coordinator for the Lancaster County Conservation District and coordinates watershed focused teacher trainings/resources along with classroom and in-the-field lessons.*

## Concurrent Sessions 4:

**1:45-2:30 p.m.**

### **ABANDONED MINE DRAINAGE CURRICULUM: A MODEL FOR OTHER POLLUTION SOURCES**

(Presented in Central C)

***Rebecca Holler, Trout Unlimited***

Workshop participants will learn how to utilize a curriculum developed about abandoned mine drainage (AMD). The methods used in its development can be applied to create similar programs about other sources of pollution. Any person wishing to implement an education program about AMD or other pollution sources should attend.

*Rebecca Holler has been with Trout Unlimited since 2009 and currently serves as the Education Coordinator for the Eastern Abandoned Mine Program. Her work focuses on youth and adult education about the impact of historic coal mining in the West Branch of the Susquehanna River watershed. She has her B.S in Biology from Elizabethtown College.*

**Dive Deeper II - Youth Water Educators Summit  
Thursday, September 25, 2014 - Harrisburg, PA**

## **UNDERSTANDING DRINKING WATER SOURCES**

(Presented in Central D)

***James A. Clark, Penn State Extension***

Extension Educator, Jim Clark, was instrumental in forming a Public Water Supply Coalition in north central Pennsylvania. This coalition works to implement source water protection plans. A high school educational program was developed and delivered to help students understand their drinking water sources and the importance of its protection.

*Jim Clark is a native of Elmira, New York. He holds an Associate Degree in Animal Husbandry from Alfred State College and a Bachelor of Science and Masters in Arts and Teaching from Cornell University. He has been an Extension Educator with Penn State Extension since July of 1989, based in McKean County, Pennsylvania. He is Co-Chair of the Penn State Extension Water Resources Team.*

## **COMMUNITY CONNECTIONS TO OUR WATERSHED-HIGH SCHOOL ENVIRONMENTAL FORUM**

(Presented in Central E)

***Angela Lambert, Carissa Longo, Diane Madl, Dept. of Conservation and Natural Resources - PA State Parks***

Dive in with us and learn how to connect high school students to their community watershed with this award winning program, modeled by DCNR, Bureau of State Parks for the past decade in northeastern PA. During this year long watershed study, students and teachers learn about the ecology, heritage, and environmental impacts in their region. The session will include logistics, content, funding, and evaluation needed to implement this program. This forum utilizes DCNR's award winning Watershed Education (WE) Curriculum. WE encourages students to study the watershed as a whole, not just a stream or a group of chemical readings. It involves chemical and biological testing of the stream site to aid in determining water quality, as well as physical parameters and basic stream & water knowledge. This session will also feature a quick introduction to this curriculum, and it will include a sample lesson for attendees.

*Angela Lambert and Diane Madl are Environmental Education Specialist's for the PA Bureau of State Parks. Diane is EESS at Hickory Run Complex and Angela is EES at Lackawanna State Park Complex. Both educators work extensively with Middle and High School students and their teachers providing place based community watershed education. Carissa Longo is the Environmental Education Program Coordinator for the Bureau of PA State Parks. She is the statewide coordinator for the bureau's Watershed Education curriculum.*



# Exhibits:

**8:00 a.m. - 3:30 p.m.**

**Ballroom Hallway**

Please take some time during registration, session breaks, and lunch to visit our many fabulous exhibitors for more information and resources about water education. Special thanks to our exhibitors for providing these resources today:

**Creek Connections - Allegheny College:** Creek Connections is a collaboration between the college and K-12 schools in western Pennsylvania (as well as New York, Ohio, Maryland, Michigan, and Costa Rica!) for the purpose of encouraging natural science education through hands-on field and laboratory experiences. Allegheny College faculty, staff and students provide the framework and assistance for school-based investigative research in regional watersheds.

**PA State Parks Watershed Education Program:** As one of the largest state systems in the country, Pennsylvania State Parks manages 120 parks which are located within 25 miles of most Pennsylvanians. We are driven by our commitment to provide opportunities for enjoying healthful outdoor recreation and serving as outdoor classrooms for environmental education.

**PA Department of Environmental Protection:** This exhibit will feature hands-on watershed educational activities, along with information about DEP's Environmental Education Grants Program.

**Lancaster County Conservation District & Earth Echo:** Led by Philippe Cousteau Jr., EarthEcho International is a leading non-profit environmental education organization that leverages the power of adventure to reignite STEM education for a new generation. The Lancaster County Conservation District helps to focus attention on the wise use of the land, water, and related natural resources. The display features a classroom video series within the Chesapeake Bay Watershed created by EarthEcho with the mission of transforming education to empower youth to take environmental education.

**Penn State Pesticide Education Program & Master Watershed Stewards:** The Penn State Pesticide Education (PEP) and Penn State Master Watershed Steward (MWS) Programs are partnering to package a groundwater contamination prevention curriculum, including safe pesticide practices. The curriculum's goal is to provide hands-on activities to increase learner engagement for youth and adult audiences and promote environmental stewardship to protect water sources.

**Dive Deeper II - Youth Water Educators Summit  
Thursday, September 25, 2014 - Harrisburg, PA**

**A Macroinvertebrate Digital Teaching Collection – UPCLOSE:** The University of Pittsburgh Center for Learning in Out-of-School Environments has developed with the Carnegie Museum of Natural History and Carnegie Mellon University, a next generation digital teaching collection of pollution-sensitive aquatic macroinvertebrates (caddisflies, mayflies, stoneflies) to scaffold students learning to observe and identify benthic macroinvertebrates for environmental education and volunteer-based biomonitoring activities. The exhibit activity will feature the high resolution EPT collection on a large multitouch interactive screen and a set of unknown stream insects for participants to identify. We will also showcase "waterbot," a new low cost in-stream TDS sensing unit that automatically logs and uploads conductivity and physical data to an open source online mapping and data storage service.

**Nature Abounds:** Nature Abounds is a national organization with a mission of bringing people together for a healthy planet. Nature Abounds engages citizens in environmental volunteering and stewardship with 4,000 volunteers engaged across all 50 states. Nature Abounds was awarded the 2013 Western Pennsylvania Environmental Award for the revitalization and expansion of the Pennsylvania Senior Environment Corps.

**Project WET:** The Project WET Foundation is dedicated to reaching all community members with water education to ensure a sustainable planet where water needs are met and all people are good stewards of water. Stop by and meet the new WET Coordinator for PAEE and learn about the new 2.0 Guide.

**Penn State Extension, Invasive Species:** Invasive species are all around us. Some of them arrived by accident, many we imported. They come in all shapes and forms from single celled diatoms to insects to trees. Learn about some expected and unexpected invasive species and some resources to gather information about them.

**4-H, Wood Duck Boxes:** Before the arrival of Europeans, the Wood Duck was likely the most abundant waterfowl species. It was the then the destruction of their native habitat by timbering and the drainage of swamplands, that lead to this beautiful ducks decline. Then in 1937, the U.S. Fish and Wildlife Service created bark covered wooden boxes. These boxes replicated the nesting facilities (tree holes) that hen Wood Ducks use. It is largely due to these boxes that Wood Duck has made a rebound. This exhibit will focus on these boxes, how to build them, and when and where to place them.

**Pennsylvania Association of Conservation Districts:** The Pennsylvania Association of Conservation Districts, Inc. (PACD) works to enhance locally led efforts that support the wise use of the state's natural resources. The PACD primarily serves as the collective voice for Pennsylvania's 66 county conservation districts. Over the years the Association has played an integral part in shaping the modern conservation district by providing advocacy, education and training, program coordination and facilitation to districts and their constituents.

**PA iMapInvasives:** iMapInvasives is a new and engaging tool that's being used by a variety of people to track location information for invasive species. Pennsylvania recently started utilizing iMapInvasives and is hoping to raise awareness of the database and its usefulness as a tool for Early Detection and Rapid Response.

**Penn State Extension—Master Well Owner Network:** A network of trained volunteers dedicated to promoting the proper construction and maintenance of private water systems in Pennsylvania and throughout the Mid-Atlantic Region. To date, over 400 residents in 61 counties throughout Pennsylvania have been trained as Master Well Owner Volunteers. These volunteers have provided assistance to over 25,000 homeowners with private water systems.

**Pennsylvania Sea Grant:** With offices in Lake Erie, Harrisburg, and Philadelphia, Sea Grant is associated with Penn State University and funded by the National Oceanic and Atmospheric Administration. Pennsylvania Sea Grant focuses on outreach, education and research related to the Great Lakes and watershed issues. Visit this exhibit to see A) "ATTACK PACK" Aquatic Invasive Species (AIS) pack with classroom friendly specimens including Lampreys, Zebra Mussels, Round Gobies and more...activities, fact sheets, watch cards, and associated curriculum. Featuring "NAB the Aquatic Invader" B) UNDERWATER ROBOTIC display with student built "Sea Perch", Sea Fox" and prototypes used in education and research.

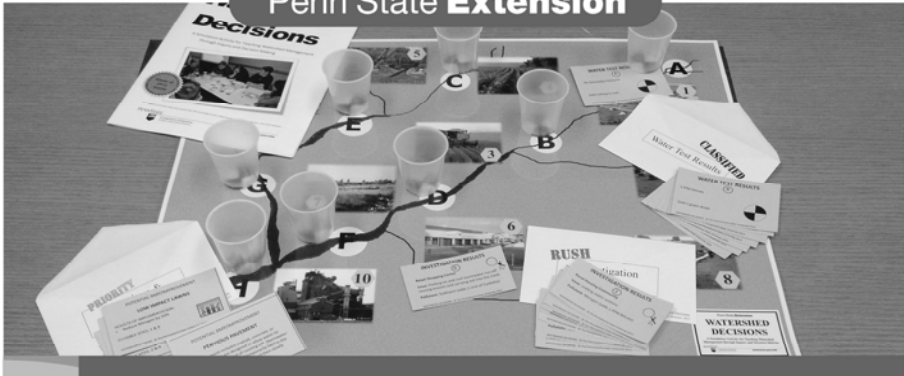
**Whitaker Center for Science and the Arts: Expedition Chesapeake,** a multi-faceted initiative of Whitaker Center for Science and the Arts, engages students in reflecting on the role of our nation's largest estuary using a project-based approach and a watershed-perspective designed for students in grades 8-10 and their teachers.

**Stroud Water Research Center:** The Stroud Center is a nonprofit organization with a mission to advance knowledge and stewardship of fresh water systems through global research, education, and restoration. This exhibit will provide information on many areas of Stroud's research and also effective tools available for education and outreach such as the **Leaf Pack Network**, a rapid monitoring protocol used to assess stream health condition with insects in the stream and **WikiWatershed®** a web-based modeling tool that uses real data to illustrate the impact of land use practices on water. Live demos of these tools and ways to bring these to students, families, and your communities will be made available.

**Penn State Extension—Youth Water Education:** Penn State Extension offers a wide variety of curriculum, training, and resources in the areas of youth water education, 4-H environmental science, and renewable natural resources including water resource education. Learn about tools such as 4-H Stream Teams, Watershed Decisions, From the Woods, Safe Drinking Water, and more!

**Dive Deeper II - Youth Water Educators Summit**  
**Thursday, September 25, 2014 - Harrisburg, PA**

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# Watershed Decisions

A hands-on, inquiry based activity that helps older youth and adults learn about water quality issues surrounding small watersheds and the decision making processes that go into improving those water quality issues.

*As new members of a local community organization interested in improving local water quality, participants examine simulated water samples, explore the land users in their community, and then create a plan for improving their watershed on a limited budget. There is no one solution to this activity and the results are dependent upon the creativity, opinions, and ideas of the participants.*

- Designed for use with 2 or more small groups of 4-10 people each
- Geared towards adults and older youth (aged 12-18) with a basic understanding of watersheds

Available for your classroom, educational program, youth group, municipality, watershed association, or any other group interested in exploring this vital topic.

To purchase, contact Jennifer Fetter  
Watershed/Youth Development Educator:  
(717) 921-8803  
4Hwater@psu.edu

**\$30.00 per kit**

**Kit includes:**

- 1 Lesson Plan (with copy pages)
- 2 Watershed Activity Boards
- 2 Sets of Activity Components (cups, cards, envelopes)

For larger groups, additional bundles of 1 activity board and 1 set of activity components available for purchase after initial purchase for \$12.00 each.

Additional shipping and handling costs may be required.

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For more  
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