



American Planning Association
Pennsylvania Chapter

Making Great Communities Happen



pennsylvania
DEPARTMENT OF COMMUNITY
& ECONOMIC DEVELOPMENT

PA Local Government Training Partnership

Solutions to the Alphabet Soup of Water Regulations **2015 Spring Planning Forum** **April 14, 2015**

The Spring Planning Forum will focus **on understanding water regulations** and responding to requirements with projects that **address needs, build partnerships, and capitalize on overlapping interests**. The event will help you clarify your understanding of **TMDL, MS4, stormwater, and other water-based issues and regulations**, and provide details on **innovative projects** that have addressed these difficult issues through partnerships.



Approved for 5.5 CM Credits

Time	Event
8:30-9:00	Registration/Continental Breakfast
9:00-9:15	Introduction DCED, Governor's Center for Local Government Services
9:15-11:00	Keynote Address: Economic Ecology - Mark Gutshall, LandStudies Economic Ecology maximizes both economic and environmental returns to solve water issues, such as flood reduction and pollutant removal, at a regional scale. It is defined by ecological principles that are validated by engineering measurement and performance standards. It is proactive rather than reactive, addressing the causes of problems and not merely symptoms. By employing the principles of Economic Ecology, planners and decision-makers can reduce wasteful spending and more effectively meet their regulatory requirements (e.g., stormwater, MS4, TMDL, and flooding). The outcome involves forming partnerships with government, public, nonprofit, and private organizations to share costs and increase benefits throughout an entire region or watershed.
11:00-11:15	<i>Morning Break, transition to sessions</i>
11:15-12:15	CONCURRENT SESSIONS A

A-1 Floodplain Restoration as Stormwater Best Management Practice (BMP) – Ben Ehrhart, PE, CFM, LandStudies

This presentation will review the design principles of floodplain restoration and the mechanisms within a restored floodplain that address stormwater management, with a focus on how the changes in floodplain characteristics from restoration affect peak discharge rates, runoff volume, and water

quality in the context of stormwater management. In addition, the current permitting path and permit considerations for this type of project will be discussed. Two case studies-Rock Lititz and Landis Homes-will be reviewed to demonstrate implementation and how this approach managed runoff and allowed for increased development density while providing significant ecological uplift and an aesthetic and recreational amenity.

A-2 Building Partnerships to Improve York County's Waters & Meet Regulatory Requirements –

Felicia Dell, AICP, York County Planning Commission; Lindsay Gerner, York County Planning Commission

Following adoption of the York County Integrated Water Resources Plan (IWRP), implementation was put into action. Through partnerships with the York County Coalition for Clean Waters and municipalities, significant progress has been made. We will highlight our successes and setbacks, from preparation and implementation of a Watershed Implementation Plan (WIP) and a Regional Chesapeake Bay Pollutant Reduction Plan to initiation of a Countywide Stormwater Authority Feasibility Study. We will also share how building partnerships with water resource stakeholders, regulatory agencies, and municipalities has been a key component of these initiatives.

A-3 More Bang for the “green” Buck: Integrating Green Infrastructure into Existing Public Works Projects, Charlotte Katzenmoyer, City of Lancaster Public Works

This session dives into the transferable details of the City of Lancaster's Green Infrastructure Plan, and will assist other municipal, city and county governments with plan development and implementation. Green infrastructure links clean water solutions to community improvements, helping maximize the value of infrastructure investments in meeting multiple overlapping environmental regulations, while achieving lower costs and higher benefits. The session will address challenges such as combined sewer overflows, limited area to implement Best Management Practices, and localized flooding incidences. The presentation will also address high value waterbodies facing development pressures.

12:15-12:30 *Transition to Lunch*

12:30-2:00 LUNCH AND LUNCHEON ADDRESS –Lee McDonnell, PE, PA DEP

Director, Bureau of Point and Non-Point Source Management: Updates and Initiatives

2:00-2:15 *Transition to breakout sessions*

2:15-3:15 CONCURRENT SESSIONS B

B-1 Stormwater Solutions - Eric Eckl, Water Words That Work LLC

For Pennsylvania localities, tackling stormwater runoff has been a challenge. In this session, we will review findings from a pair of research projects that reveal what it takes to persuade communities to accept a stormwater fee -- AND what it takes to get residents to take steps to reduce runoff from their own homes.

B-2 Riparian Buffers: A Cost-effective Solution for Water Quality Issues – John Theilacker, AICP, Brandywine Conservancy; Dr. Seung Ah Byun, PE, Brandywine Conservancy

Through the use of local zoning powers, municipalities can better protect, and even restore, forested riparian buffers that can dramatically improve water quality. This presentation will document the water quality and other benefits of forested buffers, and describe a new model riparian buffer protection overlay ordinance developed for Pennsylvania's municipalities by the Pennsylvania Land Trust Association. Efforts underway by several municipalities in the Brandywine/Christina and Chesapeake Bay watersheds to implement this model ordinance will be shared, as well as efforts to obtain PA DEP acceptance of such ordinance adoptions as an eligible MS4 permit action.

B-3 Southwestern Pennsylvania: Water Quality Compliance through Collaboration – John Schombert, 3 Rivers Wet Weather

Over the last 10 years, 83 southwestern Pennsylvania communities have been working cooperatively

to address the wet weather sewage and stormwater overflow problem that has violated the Clean Water Act for decades. The initial plan prepared by the Allegheny County Sanitary Authority was not approved by EPA, whose expectations included a focus on source flow reduction, regionalization, green infrastructure and flow targets within a water quality-based Wet Weather Plan. This session will discuss the region's current collaborative process and initiatives, including regionalization through multi-municipal trunk sewer transfers, flow isolation studies, source reduction and green infrastructure projects.

3:15-3:30

Afternoon Refreshment Break

3:30-4:30

CONCURRENT SESSIONS C

C-1 Protecting our Sources of Drinking Water: The Importance of Partnerships – Andrew Gavin, Susquehanna River Basin Commission

We all live and work on the landscape that provides our water for drinking, and as such, we all have a responsibility to help protect its quality. Recognizing this connection, this session will provide an overview on the importance of partnerships in formulating and implementing effective strategies for enhancing protections for our sources of public drinking water. Many times these strategies can meet multiple environmental objectives for a community with regards to other regulatory requirements, yet under the banner of drinking water protection, provides a very identifiable benefit to the public for a call for action.

C-2 Green Infrastructure Planning and Implementation to Support Public and Private Approaches to Improve Water Quality - Dr. Seung Ah Byun, PE, Brandywine Conservancy; John Goodall, Brandywine Conservancy

The Brandywine Conservancy and its partners have provided education, outreach, and planning for two categories of stakeholders: 1) municipal officials and staff, and 2) farmers and other private landowners, to assist them with federal and state regulatory compliance (TMDL and MS4) and to improve local water quality. For municipal stakeholders, the project helped them understand and respond to water quality requirements through the exploration of green infrastructure practices. For private landowners and farmers, the Conservancy built on its past success to permanently preserve land and implement water quality improvement projects. The project has been able to help stakeholders identify and implement a variety of relatively low-cost activities including: land preservation, agricultural BMPs, reforestation, and rain gardens.

C-3 Berks County MS4 Cooperative Education Program - Shannon Rossman, AICP, Berks County Planning Commission; Ashley Showers, Berks County Planning Commission

This session will focus on the education component of MS4 permits, and specifically Berks County's efforts to meet those requirements, answering these questions: Why is it beneficial for municipalities to cooperate with each other to meet the MS4 requirements? How does the Berks County MS4 Cooperative Education Program (CEP) work? Which of the six Minimum Control Measures are included in the CEP?

4:30

Adjourn, pick up attendance certificates

FEE \$80.00 per person

includes continental breakfast, lunch, breaks and training.

REGISTER ONLINE! Go to <https://www.regonline.com/Water-SpringForum>

Made Possible with Funding from PA Local Government Training Partnership

This program is presented in cooperation with the Governor's Center for Local Government Services with funds from the annual appropriation from the General Assembly to the Department of Community and Economic Development. Trainees are admitted without regard to race, color, age, sex, religion, political affiliation, national origin or disability.

Advance registration is required. Register at least five days before each event. Late registrant? Call the PA Chapter of APA at 717-671-4510 to verify availability.

No access to a computer? Need help registering? Call the PA Chapter of APA at 717-671-4510.

TRAINING LOCATION

Harrisburg Hilton
One North Second Street
Harrisburg, PA 17101

PARKING

Directions from the Walnut Street parking garage into the Hilton.
Use the parking garage located at 215 Walnut Street.

You can access the garage from Walnut Street, or take a left onto Court from Market Street just as you pass the Hilton on Market Street.

After you park, locate the elevators and take one to floor A.

Come out of the elevator, proceed up the steps in front of you, and turn RIGHT on the hallway in front of you.

Proceed into the Hilton. You will be on the second floor. Conference registration is on this floor.

The hotel lobby and overnight guest room registration are on the first floor.