

COMBINED  
2018 NACD NORTHEAST  
REGIONAL MEETING  
& PACD/SCC JOINT ANNUAL  
CONFERENCE



**July 15-18, 2018**

DoubleTree Resort by Hilton Hotel, Lancaster, PA

# Our Conference Sponsors

## GOLD



## SILVER



*We thank our sponsors for their generous support!*

## Sunday, July 15

- 11:00 a.m.**                    **Registration Opens (Main Lobby)**
- Lunch On Your Own**
- 12:30 p.m.**                    **Board Bus for NACDE Tour of Longwood Gardens (Outside Main Entrance)**  
*Buses will load outside the main entrance, which is by the hotel registration desk.*
- 1:00 p.m. to 5:30 p.m.**        **NACDE Tour of Longwood Gardens**  
*The Northeast Association of Conservation District Employees (NACDE) invites you on a journey to Longwood Gardens. One of the world's premier horticultural display gardens, Longwood boasts 11,000 varieties of plants, twenty outdoor and twenty indoor gardens, and more than 1,000 acres of gardens, meadows, woodlands and elaborate horticultural displays. Participants can take in some Pennsylvania scenery on the way to the gardens, and two full hours to enjoy the exquisitely maintained grounds. (Tour proceeds benefit NACDE. Tour registration includes transportation, park entry, bottled water, and a snack for the road. Lunch is not included.)*
- Dinner On Your Own**
- 7:00 p.m. to 10:00 p.m.**      **Ice Cream Social Sponsored by Turkey Hill Dairy (William Penn—Lower Level)**  
*Join us for a cool Pennsylvania welcome featuring delicious Turkey Hill ice cream.*

## Monday, July 16

- 7:00 a.m.**                    **Registration Opens**
- 7:00 a.m. to 9:00 a.m.**        **Breakfast Buffet and Meetings (Buffet is in Palm Court)**  
*Breakfast is included in registration. Attendees may eat in the Palm Court dining area or serve themselves from the Palm Court buffet and sit in on one of the breakfast meetings, which are open to all. Coffee and silverware will be available in the meeting rooms.*
- ✦ 7:00 a.m. to 9:00 a.m. NACD Northeast Region Board of Directors (Statesman C/D)
  - ✦ 8:00 a.m. to 9:00 a.m. Northeast Association of Conservation District Employees (Robert Fulton)
- 9:15 a.m. to 9:30 a.m.**        **Welcome to Pennsylvania: Opening Remarks (Statesman A/B)**
- ✦ Denise Savageau, Northeast Region Chair, NACD
  - ✦ Brenda Shambaugh, Executive Director, PACD
  - ✦ Christopher Thompson, Manager, Lancaster County Conservation District
- 9:30 a.m. to 10:15 a.m.**      **Pennsylvania's Conservation Districts (Statesman A/B)**
- ✦ Brenda Shambaugh, Executive Director, PACD
  - ✦ Clifford Lane, Commissioner Director, McKean County Conservation District
  - ✦ David Rupert, Armstrong Conservation District
  - ✦ Gaye Lynn Criswell, Urban Team Leader, Chester County Conservation District
- Participants will learn about the services Pennsylvania's conservation districts deliver and how they work in partnership with other organizations.*
- 10:15 a.m. to 10:45 a.m.**      **USDA NRCS Regional Conservation Partnership Program (Statesman A/B)**
- ✦ Denise Coleman, State Conservationist, USDA NRCS
  - ✦ Chris Strohmaier, Manager, Chester County Conservation District
  - ✦ Dean Druckenmiller, Manager, Berks County Conservation District
  - ✦ Nate Dewing, Agricultural Team Leader, Bradford County Conservation District
- The Regional Conservation Partnership Program (RCPP) harnesses the power of partnership to deliver conservation assistance to producers and landowners through projects designed to increase the restoration and sustainable use of soil, water, wildlife, and related natural resources on a regional or watershed scale. During this session, participants will learn about the program from conservation district staff who have worked with the program on the ground.*

## Monday, July 16 (Continued)

- 10:45 a.m. to 11:15 a.m.**     **Cookie Break and Meet & Greet in Sponsor Exhibit Area (Palm Court)**
- 11:15 a.m. to Noon**     **Leadership Development in Pennsylvania and Beyond (Statesman A/B)**  
✧ Matt Miller, Leadership Development Coordinator, PACD  
✧ Eric Hansen, Northeast Region Representative and Policy Specialist, NACD  
*This session will begin with a brief overview of Pennsylvania's Building for Tomorrow Leadership Development Program, followed by a presentation on the inception, present status, and future plans of NACD's new capacity building project.*
- Noon to 1:00 p.m.**     **Luncheon (Palm Court)**  
Remarks: Kim LaFleur, NACD Secretary-Treasurer
- 1:15 p.m. to 2:00 p.m.**     **Invasive Species Session (Statesman A/B)**  
✧ Trilby Libhart, Botanist, PA Department of Agriculture  
*Invasive species are a conservation challenge not affected by state or regional boundaries. This session will cover a number of invasive species of concern to the northeastern region.*
- 2:15 p.m. to 3:15 p.m.**     **Concurrent Conservation Breakout Sessions**  
✧ Stormwater Management and Healthy Watersheds (Statesman C)  
✧ Pennsylvania's Dirt, Gravel, and Low Volume Road Maintenance Program (Robert Fulton)  
✧ Current Research at Stroud Water Research Center (Ben Franklin)  
✧ Conservation and Soil Health in Agriculture (Statesman D)
- 3:15 p.m. to 3:45 p.m.**     **Break in Sponsor Exhibit Area (Palm Court)**
- 3:45 p.m. to 4:45 p.m.**     **Concurrent Conservation Sessions Repeat**
- 5:15 p.m.**     **Board Bus for Shady Maple Smorgasbord (Outside Main Entrance)**  
*Buses will load outside the main entrance, which is by the hotel registration desk.*
- 5:45 p.m. to 9:45 p.m.**     **Steak Night at Shady Maple Smorgasbord**  
*Shady Maple is Lancaster County's largest smorgasbord, featuring 200 feet of deliciously authentic Pennsylvania Dutch cooking and a gift shop with over 20,000 square feet of unique gift items, collectibles, souvenirs, home decor, Amish crafted oak furniture, and more.*

## Tuesday, July 17

- 7:30 a.m.**     **Registration Opens—50/50 Tickets Go On Sale (Main Lobby)**  
*Proceeds benefit the PACD Poster Contest. The drawing will take place on Wednesday, July 18, during the PACD Executive Council Meeting.*
- 7:00 a.m. to 8:00 a.m.**     **Breakfast Buffet (Palm Court)**
- 8:00 a.m. to 8:30 a.m.**     **Board Buses for Conservation Tours (Outside Main Entrance)**  
*Buses will load outside the main entrance, which is by the hotel registration desk.*
- 8:30 a.m. to 12:30 p.m.**     **Conservation Tours**  
✧ Stormwater Management and Healthy Watersheds  
✧ Pennsylvania's Dirt, Gravel, and Low Volume Road Maintenance Program  
✧ Current Research at Stroud Water Research Center  
✧ Conservation and Soil Health in Agriculture
- 12:30 p.m. to 1:30 p.m.**     **Buffet Luncheon and Close of NACD Northeast Regional Meeting (Palm Court)**  
Closing Remarks: Charles Duritsa, President, PACD  
*We hope you enjoyed your visit to Pennsylvania. Come back soon!*

## Tuesday, July 17 (Continued)

- 1:45 p.m. to 2:45 p.m.**      **PACD Committee Meetings**
- ✧ PACD District Employees Committee (Robert Fulton)  
Chair: Sandy Thompson, McKean County Conservation District
  - ✧ PACD Legislative Committee (Ben Franklin)  
Chair: Donna Fisher, Blair County Conservation District
- 2:45 p.m. to 3:00 p.m.**      **Break in Sponsor Exhibit Area**
- 3:00 p.m. to 4:00 p.m.**      **PACD Committee Meetings**
- ✧ PACD Conservation Committee (Ben Franklin)  
Chair: Adam Cotchen, Indiana County Conservation District
  - ✧ PACD Education and Outreach Committee (Robert Fulton)  
Chair: Laura Anderson, Wyoming County Conservation District
  - ✧ PACD Ways and Means Committee (Statesman C)  
Interim Chair: Clifford Lane, McKean County Conservation District
- 4:15 p.m. to 5:15 p.m.**      **PACD Operations Committee (Ben Franklin)**
- ✧ Interim Chair: Chuck Duritsa, PACD President
- 5:30 p.m. to 6:30 p.m.**      **Dinner (Palm Court)**
- 6:45 p.m. to 8:45 p.m.**      **Pennsylvania State Conservation Commission Briefing Session (Statesman C/D)**  
*During this public session, the SCC will receive a briefing on current issues, particularly relating to agenda items for their business session the next day.*
- 6:45 p.m. to 8:45 p.m.**      **PACD Executive Board Meeting (Ben Franklin)**  
*Attendance by invitation only.*

## Wednesday, July 18

- 7:15 a.m. to 8:45 a.m.**      **Directors Breakfast (Palm Court)**
- ✧ Eric Hansen, Northeast Region Representative and Policy Specialist, NACD  
*Open to all participants who are registered for the day. After some time for breakfast, NACD's Eric Hansen will lead discussion about what NACD is doing to support Pennsylvania's conservation districts on the national level.*
- 7:15 a.m. to 8:45 a.m.**      **District Managers Breakfast (Statesman C/D)**  
*Open to district managers only, this breakfast provides time for managers to network and discuss issues of interest and importance to them.*
- 9:00 a.m. to 11:15 a.m.**      **Pennsylvania State Conservation Commission Meeting (Statesman A/B)**  
*The Commission will address business items during this session, which is open to the public.*
- 11:30 a.m. to 1:00 p.m.**      **PACD/SCC Awards Luncheon (Palm Court)**
- 1:15 p.m. to 3:15 p.m.**      **PACD Executive Council Annual Meeting (Statesman A/B)**
- 3:15 p.m.**      **Conference Concludes**  
*We thank you for coming and wish you safe travels!*



## CONSERVATION SESSIONS ON MONDAY, JULY 16

**Monday, July 16—2:15 p.m. to 3:15 p.m. & 3:45 p.m. to 4:45 p.m.**

Each session will run twice, so each participant can take in two topics.

### **Stormwater Management and Healthy Watersheds (Statesman C)**

✧ Mark Gutshall, Founder and Executive Vice President, Landstudies, Inc.

*This session will use several case studies to showcase regional examples of pollutant removal and flood reduction, with a common theme of restoring and manipulating the floodplain as an alternative solution to today's regulatory and environmental challenges. Issues to be addressed include flooding, stormwater, MS4, and Total Maximum Daily Load (TMDL). Attendees will learn how a project or plan can provide or protect community assets (infrastructure), improve and build resilience into the local economy (flood reduction), and improve or protect our natural resource assets (pollutant removal). There will be a special focus on the concept of Economic Ecology, which maximizes both economic and environmental returns to solve water issues, such as pollutant removal and flood reduction, at a regional scale.*

### **Pennsylvania's Dirt, Gravel, and Low Volume Road (DGLVR) Maintenance Program (Robert Fulton)**

✧ Wade Brown, Extension Associate, Penn State Center for Dirt and Gravel Road Studies

✧ Justin Challenger, Conservation Program Specialist, PA State Conservation Commission

*Conservation districts running a road program? That's right! Pennsylvania's conservation districts administer \$28 million annually through the state's DGLVR Program. The program provides local road-owning entities with grant funding to complete projects with a focus on environmental improvements to their roads. Improvements include improving ditch stability, adding crosspipes, filling entrenched roads, improving road base, managing wetlands and stream crossings, road surfacing, and much more. During this session, program representatives from both the state and local level will provide an overview of the program and highlight recently completed projects.*

### **Current Research at Stroud Water Research Center (Ben Franklin)**

✧ Matthew Ehrhart, Director of Watershed Restoration, Stroud Water Research Center

*Participants will learn about three current research topics. Learn about Stroud's watershed restoration implementation and monitoring project on White Clay Creek to address water quality, water quantity, and ecosystem resiliency. Take a look at chlorides, including monitoring data from southeastern Pennsylvania and experimental work on chloride toxicity in aquatic life. Get an overview of the center's current work on soil health, including an evaluation of soil health metrics in a paired study and the beginning of a six-year project to compare: more traditional agricultural practices; a conservation system including no-till and multispecies cover crops; organic practice implementation; and implementation of the Rodale Institute's "regenerative" agricultural practices.*

### **Conservation and Soil Health in Agriculture (Statesman D)**

✧ John D. Chibirka, Resource Soil Scientist, USDA NRCS

*Participants will learn about general soil health principles such as evaluating soil properties like soil structure, aggregate stability, infiltration and the role of conservation practices such as cover cropping and no-till in a cropping system. For those attending, the next day's farm tour will reinforce session concepts and provide the opportunity to view soil health properties in the field.*



## CONSERVATION TOURS ON TUESDAY, JULY 17

**Tuesday, July 17—8:00 a.m. to 12:30 p.m.**

Buses will load at 8:00 a.m. Tours depart at 8:30 a.m. and return at 12:30 p.m.



### **Stroud Water Research Center**

Participants will tour the Stroud campus, including their lab and LEED Platinum green building, and get a glimpse into the projects taking place there. The building, which includes a stormwater and wetland wastewater treatment system, is designed to use and treat water in a way that more closely mimics nature, leaving a smaller overall environmental footprint, better protecting the adjoining White Clay Creek, and acting as both a teaching vehicle and a replicable model for others to follow.

### **PA's Dirt, Gravel & Low Volume Road Maintenance Program**

*Sponsored by the Penn State Center for Dirt and Gravel Road Studies*

See the Dirt, Gravel & Low Volume Road Program in action, as Lancaster County Conservation District takes you to a number of completed and upcoming local project sites to discuss some of the program's principles and practices. In addition to learning about agricultural impacts on roads, stream crossing replacements, streambank stabilization, and road drainage improvements, participants will see impacts from several sites that have not been funded and visit two projects that promote infiltration in an urban setting using rain gardens, pervious street parking, and an infiltration basin installed under an alley in the City of Lancaster.



### **Stormwater Management and Healthy Watersheds**

LandStudies will lead this comprehensive tour of green infrastructure projects with a focus on real life examples for a hands-on learning experience. The tour will showcase select green infrastructure sites with up to 15 years of performance history, as well as cost-effective Best Management Practices that stack environmental and regulatory benefits. Sites will demonstrate: alternative stormwater management techniques, groundwater infiltration in karst geology, nutrient and sediment pollution reduction, water quality improvement for municipal MS4 and TMDL requirements, pollution reductions, and more.

### **Conservation and Soil Health in Agriculture**

This tour will take participants to two family-owned and operated farms in Lancaster County. Brubaker Farms, a traditional dairy farm, is owned and operated by Luke and Barbara Brubaker in partnership with their two sons, Mike and Tony. Attendees will learn about and view soil health properties in the field, and see other steps the Brubakers have taken to ensure the farm is environmentally compliant and economically sustainable, including their manure digester, which converts cow manure into energy to power homes. At Stoltzfus Farms, owned and operated by David and Elam Stoltzfus, attendees will have the unique opportunity to see inside an the operation of an Amish farm, ask questions and learn more about their old world culture.



*Photos on this and the facing page are courtesy of Stroud Water Resource Center, USDA NRCS, and the Penn State Center for Dirt and Gravel Road Studies*





While you're at the conference, be sure to stop by *H2Oh! on the GO!* Armstrong Conservation District is generously making this interactive, educational, traveling exhibit available for our attendees to explore during the conference. Hours for the exhibit are:

Monday, July 16  
9:00 a.m. to 5:00 p.m.

Tuesday, July 17  
9:00 a.m. to 5:00 p.m.

Wednesday, July 18  
9:00 a.m. to 2:00 p.m.

## *Our Thanks to...*

In addition to the generous organizations who sponsored our conference, donated items for our goodie-bags, and our member conservation districts, PACD would like to offer special thanks to the following for their contributions to this event:

Armstrong Conservation District

The Brubaker Family

Lancaster County Conservation District

LandStudies, Inc.

The Penn State Center for Dirt and Gravel Road Studies

The Stoltzfus Family

Stroud Water Research Center

Turkey Hill Dairy