



October 26-28, 2016  
Lancaster County Convention Center  
& Lancaster Marriott at Penn Square

*Transforming Communities*

2016 Pennsylvania Brownfields Conference



# 2016 Pennsylvania Brownfields Conference

## *Program and Registration Information*

*Presented by:*



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION



**ENGINEERS' SOCIETY**  
*of*  
WESTERN PENNSYLVANIA

PA Brownfields Conference  
c/o Engineers' Society of Western PA  
Pittsburgh Engineers' Building  
337 Fourth Avenue  
Pittsburgh, PA 15222

**U.S. MAIL  
BULK RATE  
PERMIT 2249  
Non-Profit**

**2016 PENNSYLVANIA BROWNFIELDS CONFERENCE**  
**OCTOBER 26-28, 2016**  
**Lancaster County Convention Center**

**Registrant Information**

Attendee Name (First/Last)	Familiar Name for Badge
Company or Organization	
Address	
City/State/Zip	
Telephone	Fax
E-mail	

Industry Type (please check all that apply):

- |  |  |   |                                    |                                      |                                |
|--|--|---|------------------------------------|--------------------------------------|--------------------------------|
| <input type="checkbox"/> Government            | <input type="checkbox"/> Banking/Finance   | <input type="checkbox"/> Non-Profit/Community Group | <input type="checkbox"/> Developer | <input type="checkbox"/> Engineer    | <input type="checkbox"/> Legal |
| <input type="checkbox"/> Consultant/Contractor | <input type="checkbox"/> Academia/Research | <input type="checkbox"/> Economic Development       | <input type="checkbox"/> Owner     | <input type="checkbox"/> Other _____ |                                |

**Registration Type**

Attendees who register by Friday, September 30, 2016 will be included in the Printed List of Attendees. Check all appropriate box/es:

	Before 9/30/16	After 9/30/16
<input type="checkbox"/> FULL Conference Registration (Thursday/Friday)	\$295	\$320
<input type="checkbox"/> THURSDAY-Only Registration	\$200	\$220
<input type="checkbox"/> FRIDAY-Only (1/2 day) Registration	\$95	\$120
<input type="checkbox"/> Government & Non-Profit FULL Conference Registration (Thurs/Friday)	\$125	\$150
<input type="checkbox"/> Government & Non-Profit THURSDAY Only Registration	\$99	\$125
<input type="checkbox"/> Government & Non-Profit FRIDAY Only (1/2 day) Registration	\$49	\$65
<input type="checkbox"/> Student (Full-time, Student ID required at Registration)	\$50	\$50
<input type="checkbox"/> OPTIONAL: LANCASTER BUS TOUR (Wednesday, Oct. 26, 2:00 pm)	\$0	\$0
<input type="checkbox"/> OPTIONAL: EPA Grant Writing Workshop (Wednesday, Oct. 26, 2:00 pm)	\$0	\$0
<input type="checkbox"/> OPTIONAL: Opening Reception (Wednesday, Oct. 26; 5:30 pm at the Cork Factory Hotel)	\$0	\$0

TOTAL DUE : \$

**Method of Payment**

- Check (Made payable to ESWP)       Visa\*       MasterCard\*       American Express\*       Discover\*

Authorized Signature \_\_\_\_\_

Account Number	Exp. Date	CVV Code
----------------	-----------	----------

\*Due to fraud protection measures, credit card payments must include the correct billing address for payment processing. If credit card billing address is different from the address listed in above, please provide billing address. Cancellation Policy: If you don't cancel and don't attend, you will be charged the full registration fee. Requests for cancellation must be received in writing prior to October 19, 2016. Substitutions (from the same firm) may be made at any time. However, we request notification prior to the Conference for preparation of registration materials. On-site registration will begin on Wednesday, Oct., 26, 2016.

There are three easy ways to register in advance for the 2016 PA Brownfields Conference!

1. Register on-line at [www.eswp.com/brownfields](http://www.eswp.com/brownfields)
2. Mail this form to:

PA Brownfields Conference  
c/o The Engineers' Society of Western Pennsylvania  
337 Fourth Avenue  
Pittsburgh, PA 15222

3. Fax this form to: (412) 261-1606

Questions? Phone The Engineers' Society at (412) 261-0710 x 10

## GENERAL INFORMATION

### WELCOME TO THE 2016 PA BROWNFIELDS CONFERENCE!

Scheduled for October 26-28, 2016 at the Lancaster County Convention Center in Lancaster, PA, this is the 11th annual Pennsylvania Brownfields Conference. The Conference is planned in collaboration between the Pennsylvania Department of Environmental Protection (DEP) and the Engineers' Society of Western Pennsylvania (ESWP). We have a terrific conference planned for you, building upon many of the successful events & activities that past conference attendees have enjoyed. These include:

- A high-quality program containing the important topics that help make every brownfield project a success.
- Plenary sessions presenting timely and important information by leaders in the field.
- An exhibit hall offering solutions by the companies & organizations who can help ensure the success of your brownfields project.
- A mobile workshop that highlights the best of Lancaster brownfields development
- Sponsorship opportunities to help introduce your firm and services to a knowledgeable audience.
- Networking events to gain even more information from industry peers and state regulators.
- Everything that matters most when getting brownfields back to active use.

The 2016 PA Brownfields Conference opens with an (optional) mobile workshop on the afternoon of Wednesday, October 26 (see the following section for details). The tour starts at the Lancaster Marriott Hotel (host hotel of the conference) and will conclude at the Cork Factory Hotel, site of the "Get Acquainted Reception" later that evening. Additionally, we will offer a pre-conference Grant Writing workshop sponsored by the U.S. Environmental Protection Agency at the Marriott Hotel, host hotel of the 2016 conference. Following the workshops, attendees can attend our Wednesday "Get Acquainted Reception" held at the Cork Factory beginning 5:30 PM, open to all conference attendees, to provide attendees with the opportunity to renew acquaintances in a casual and relaxed setting.

Thursday begins with on-site registration at 7:00 AM. Multiple concurrent sessions are offered throughout the day, (detailed throughout this brochure). Along the way, attendees can browse the Exhibit Hall on Thursday, including a continental breakfast, luncheon buffet, and evening networking reception. Friday features a half-day of plenary sessions presented by industry and government experts on a variety of brownfields-related topics thru the morning. The conference is scheduled to conclude at 12:00 noon on Friday, with the famous Central Market and many restaurants within easy walking distance.

### WHO SHOULD ATTEND?

The PA Brownfields Conference offers an array of educational, networking, and business development opportunities for all who attend.

- Environmental and Civil Engineers
- Economic Development Officials
- Community Developers
- Government Regulators
- Risk Management Practitioners
- Local State and Federal Government Officials
- Geologists
- Real Estate Developers
- Attorneys
- Insurance Providers
- Environmental Bankers

### HIGH SCHOOL EXPLORERS STUDENT WORKSHOP

The 2016 PA Brownfields Conference includes a program for high school students on Thursday, October 27. The "High School Explorers" program consists of an overview lecture, tour of the exhibit hall to meet with brownfields practitioners, and a site development activity done by students in teams. Enrollment is limited to 50 students, and is open to schools from around the Commonwealth. If you have interest in this program, please contact the Engineers' Society for registration details.

## REGISTRATION

Full registration includes admission to the plenary sessions, daily sessions, exhibit hall, breakfasts, luncheons, receptions, and Wednesday's workshops & reception. Please note that separate registration is required for the receptions and workshops - be sure to check these options on your registration form in order to guarantee your spot in these events.

One-day registration includes the plenary session, daily sessions, exhibit hall and corresponding function for that day only (Please note, NO exhibit hall hours on Friday).

You can register on-line at [www.eswp.com/brownfields](http://www.eswp.com/brownfields), or send in the Registration Form in this brochure. Your registration, along with payment, must be received by the Engineers' Society of Western Pennsylvania by Friday, October 21, 2016; following that date, you must register on-site at the Lancaster County Convention Center.

## MARRIOTT HOTEL

Experience this landmark hotel, featuring elegant interiors, impeccable service, remarkable architecture and historic charm. Central to Downtown Lancaster and integrated beautifully with the Lancaster County Convention Center, this hotel at historic Penn Square offers amenities discerning hotel guests expect. A breathtaking lobby invites visitors to gather as they enjoy magnificent street views from one of the leading hotels in Lancaster, PA. Posh guestrooms feature spectacular views of Downtown and offer 37-inch LCD TVs, granite countertops, and lavish bedding. Visitors will have endless opportunities to explore one of the largest National Historic Register Districts in the country.

## CORK FACTORY HOTEL

With the anticipated interest in the 2016 Conference, we also have planned for additional guest rooms at the Cork Factory Hotel, less than one mile from the Lancaster County Convention Center. Set in a converted 19th-century factory, this industrial-chic boutique hotel is a 9-minute walk from downtown and 1.3 miles from the Lancaster Amtrak station.

Upscale rooms with original exposed brick walls feature free WiFi, cable TV and desks, as well as minifridges and coffeemakers. Suites add separate living areas. A rustic restaurant focuses on local ingredients and a bakery serves pastries, cafe-style food and coffee. There's a fitness center on-site, and a salon and spa next door. Parking is complimentary.

A special block of sleeping rooms has been reserved at both hotels for attendees of the 2016 PA Brownfields Conference. Please visit the conference website to make your reservations.

## EXHIBITS & SPONSORSHIPS

Exhibiting at the Pennsylvania Brownfields Conference is a great way to place your firm in front of hundreds of industry professionals who are looking for ways to solve problems. Your firm may have the answer, but you need to be there to help. Exhibiting at the PA Brownfields Conference is an effective way to position your firm as an expert in the field, and provides you with high visibility to those seeking your services the most. Exhibiting is easy and affordable. The Lancaster County Convention Center allows for easy exhibitor move-in and move-out. Exhibitors can quickly set up on Wednesday evening and be ready to meet with your next potential client on Thursday morning for breakfast. In addition to networking breaks, we have scheduled our attendee luncheon on Thursday and a networking reception that evening throughout the Exhibit Hall! All exhibit events are open to all registered attendees!

Exhibit space is limited, so don't delay. Contact ESWP now to reserve your space. Full booth rentals are \$1000, (\$500 for government and non-profit organizations), and include two conference registrations.

To help companies stretch their marketing dollars, we have sponsorships with booth space and conference registrations included! Our Gold, Silver and Bronze sponsorships gives your firm heightened visibility at the conference and places your firm in front of attendees in a number of ways...you'll be sure to stand out! We also have several a la carte items available for sponsorship.

**WEDNESDAY, OCTOBER 26, 2016****GRANT WRITING WORKSHOP: WHAT YOU NEED TO KNOW ABOUT EPA BROWNFIELDS GRANTS - TIPS AND TRICKS FOR SUCCESS****TIME: 2:00–4:00 PM**

Learn how to breathe life into abandoned and vacant properties by using assistance through EPA brownfield grant programs. Find out where federal funding is available and how to apply for it, network with other municipal organizations and get answers to your questions. The workshop will also introduce free technical assistance services that are available in order to prepare a well-conceived application. It will also provide ideas on project planning and leveraging additional resources. The session will include:

- An overview of EPA Brownfields Grants application process
- Developing a grant program that works for you and appeals to EPA
- Tips & Tricks – Common EPA Brownfield proposal pitfalls and strategies to address shortcomings
- Interactive Discussion – Answering your questions

This workshop is free to employees and officials representing local governments, non-profit organizations and economic and industrial development agencies not attending the full conference and others attending the conference. If you are thinking about applying for an EPA Brownfield Assessment or Cleanup Grant, you won't want to miss this Expert's Tips and Tricks for a Successful EPA Brownfields Grant Proposal session.

While there is no additional fee to participate in the workshop, advance registration is requested for planning purposes - please indicate this preference on your registration submittal.

*Speakers: Stepan Nevshchirlian, Brownfields Project Manager, USEPA, Philadelphia, PA; Elizabeth Limbrick, New Jersey Institute of Technology, Newark, NJ*

**MOBILE WORKSHOP: LANCASTER BUS TOUR****TIME: 2:00–5:15 P.M.**

Join us for an afternoon tour of the beautiful and vibrant City of Lancaster. Known as the Red Rose City it is one of the oldest inland towns in the United States. Lancaster is a small city of 7 square miles and 60,000 residents that has been identified as a "rebounding" post-industrial city by the Philadelphia Federal Reserve. Many Brownfields in and around the City have been successfully developed as apartments, condominiums, event spaces, athletic venues, educational facilities, and many other commercial uses. In addition, sustainable development and urban infill projects have followed Brownfield redevelopment projects into the City. The tour will highlight projects that will be discussed throughout the conference and attendees will get to hear about them from those who made the projects happen.

While there is no additional fee to participate in the mobile workshop, advance registration is requested for planning purposes - please indicate this preference on your registration submittal. Several stops are planned during the tour, where attendees will visit noted sites - please dress appropriately for the weather and some walking. The tour will depart from the Marriott Hotel/Lancaster County Convention Center, and conclude at the Cork Factory Hotel (approx. 1 mile from the Marriott) for the Wednesday evening reception. Following the conclusion, the tour shuttle will continuously loop between the Marriott and Cork Factory to transport reception guests to and from the reception.

**GET ACQUAINTED RECEPTION; CORK FACTORY HOTEL BALLROOM****TIME: 5:30–7:30 P.M.**

Get acquainted (or, reacquainted), with your fellow conference attendees at our opening reception. This event is held at the Cork Factory Hotel, located approx. one mile from the Marriott Hotel. There is no additional cost to attend, please indicate this selection on your registration form should you choose to attend. The tour shuttle will continuously loop between the Marriott and Cork Factory to transport reception guests to and from the reception until 8:00 P.M.

**THURSDAY, OCTOBER 27, 2016****BROWNFIELDS 101****TIME: 8:00–8:50 AM**

Spend an hour before the start of the conference learning the basics of Pennsylvania's brownfields program. The session is designed for those who are new to brownfields redevelopment, those who want a refresher, or those who want to put the entire redevelopment process into perspective. The session will cover the basics of Acts 2, 3 and 4, the legal protection provided, federal counterparts, the drivers of the process, managing technical issues, the nuts and bolts of doing the deal, risk management, vapor intrusion issues as a new issue, and long term stewardship of redevelopment projects including environmental covenants. Speakers will provide both the DEP and private practice perspectives and will include a DEP representative, a technical consultant and an environmental lawyer who are all very experienced in the PA brownfields program.

*Speakers: Steven Miano, Hangley Aronchick Segal Pudlin & Schiller, Philadelphia, PA; Troy Conrad, PA DEP, Harrisburg, PA; William K. Ahlert, Ph.D., HDR Engineering, Bethlehem, PA*

**PLANNING FOR BROWNFIELDS REDEVELOPMENT AND PUBLIC FUNDING ASSISTANCE PROGRAMS****TIME: 8:00–8:50 AM**

This session will provide an overview of how to position a project to take advantage of federal and state financial and technical assistance programs. Public outreach, planning, site selection and scheduling strategies will be reviewed. The session will present information on the available programs and how to prepare a well-conceived application. It will provide ideas on project planning, leveraging additional resources, and showcasing success stories.

A specialist from the Department of Community and Economic Development will provide an overview of the Industrial Sites Reuse Program. The Industrial Sites Reuse Program provides grants and low-interest loans for environmental assessments and remediation. The program is designed to foster the cleanup of environmental contamination at industrial sites, thereby bringing blighted land into productive reuse. The Department of Community & Economic Development will show you how to access these funds.

*Speakers: Gregory M. Firely, Senior Project Scientist, Langan; Christie Yerger, Economic Development Analyst, Department of Community and Economic Development*

**WELCOME TO THE BROWNFIELDS CONFERENCE!****TIME: 9:00–9:40 AM**

The Honorable J. Richard Gray, Mayor of the City of Lancaster, will welcome all conference attendees. Governor Tom Wolf (invited) joins Patrick McDonnell, DEP Acting Secretary, and US EPA Region 3 Administrator Shawn Garvin with opening remarks. A new video will be shown highlighting brownfield redevelopment and other successful initiatives that have shaped the vibrant City of Lancaster.

**VAPOR INTRUSION: COLLECTING VAPOR INTRUSION SAMPLES AND INTERPRETING DATA****TIME: 9:45–10:45 AM**

Investigating the vapor intrusion pathway has become an integral part of the site characterization process. Tom will discuss EPA's new guidance, sampling methodologies and challenges, equipment considerations, and what you need to know about managing a project from a laboratory's perspective. James brings his experience of evaluating more than 350 soil gas samples from more than 40 projects to answer why we see so many VOCs in the samples, what they are and where they come from, how to correlate results to VOCs observed in soil and groundwater, and how predictive regulatory criteria are for vapor intrusion risks.

*Panelists: Tom Yoder, TestAmerica, Knoxville, TN; James Harless, Ph.D., CHMM, SME, Plymouth, MI*

**THURSDAY, OCTOBER 27, 2016 (CONT'D)****USING LAND BANKS TO ADDRESS BROWNFIELDS AND PROMOTE ECONOMIC DEVELOPMENT****TIME: 9:45–10:45 AM**

The session features an in-depth presentation on the PA Land Bank Act of 2012 which authorizes counties and municipalities to establish land banks, a flexible and optional tool meant to help strengthen our cities and towns by enabling them to systematically remove problem properties from an endless cycle of vacancy, abandonment, and tax foreclosure, and return them to productive use. The session will explore how a land bank's powers to acquire tax-foreclosed properties, discharge liens and clear title can be used to help remediate brownfields and further economic development objectives. Speakers will share case studies from land banks in Pennsylvania and other states to show how the strategic use of land bank powers can spur brownfields redevelopment.

*Speakers: Winnie Branton, Branton Strategies LLC, Philadelphia, PA; Chris Gulotta, The Gulotta Group, Easton, PA*

**FROM BROWNFIELDS TO URBAN GREEN INFRASTRUCTURE, AND THE REDEVELOPMENT AND REBIRTH OF DOWNTOWN EASTON PA****TIME: 9:45–10:45 AM**

The first part of this session will focus on the Lehigh Valley Land Recycling's efforts to redevelop brownfields throughout Lehigh and Northampton Counties into green infrastructure. Featured projects will include the South Bethlehem Greenway, Karl Stirner Arts Trail, and the Allentown Waterfront. The session will dive into environmental assessment, community partnerships, and community impact.

The second part of this session will overview the resurgence of downtown Easton. A history of redevelopment will be provided with specific looks at the Pomeroy building project and the Easton Public Market. This part of the presentation will also detail the thriving restaurant and cultural scene that has arisen as this renaissance has taken place.

*Speakers: Andrew Kleiner, Lehigh Valley Economic Development Corporation, Bethlehem, PA; TBD*

**MORNING BREAK****TIME: 10:45–11:00 AM**

Time for the morning stretch break, and time to network with fellow attendees and browse the exhibit hall.

**APPLYING COLLABORATIVE APPROACHES AND INNOVATIVE TECHNIQUES TO SITE REMEDIATION****TIME: 11:00–12:00 PM**

This session demonstrates the benefits of collaborative planning and execution among stakeholders. The development and application of innovative techniques to cost-effectively mitigate exposure risks at hazardous substance sites will be discussed.

*Speakers: Matthew J. Maloney, P.G., Michael Baker International, Moon Township, PA; David Hanny, Barton & Loguidice, D.P.C., Camp Hill, PA*

**NATIONAL TRENDS IN BROWNFIELDS REDEVELOPMENT AND THEIR APPLICATION IN PENNSYLVANIA****TIME: 11:00–12:00 PM**

States and communities across the US are tackling similar issues related to moving brownfield sites from blight to assets. Many communities have developed creative strategies to overcome challenges and engage property owners, community leaders, developers, agencies and the public. What can be learned from successful projects across the country and how can these lessons be applied to Pennsylvania projects and communities? The proposed panelists are working nationally as EPA Contractors to assist states and communities with brownfield redevelopment plans and have been very successful in converting "lessons learned" into PA-specific implementation strategies.

*Panelists: Sean Garrigan, Principal, Stromberg-Garrigan Associates, Inc.; Matt Ward, CEO Sustainable Strategies DC; Jill Gaito, Gaito & Associates, LLC*

**ADAPTIVE REUSE AS REVITALIZATION CATALYST****TIME: 11:00 –12:00 PM**

Speakers will present successful project strategies and examples to demonstrate the power of adaptive reuse as a downtown and urban revitalization tool. Speakers will explore techniques for financing; stakeholder engagement; and imaginative new uses for buildings and sites in some of the Commonwealth's urban and downtown cores most in need of revival.

*Speakers: Stephen D. Brower, P.G., Environmental Standards, Inc., Valley Forge, PA; Coleen Terry, ECON partners, Inc., Radnor, PA*

**EXHIBIT HALL LUNCH****TIME: 12:00–1:30 PM**

Thursday's lunch is set throughout the exhibit hall, providing registered attendees the opportunity to lunch-and-learn, as they visit with exhibitors and enjoy our strolling buffet. Lunch is included in your registration fee!

**REVIEW OF EPA'S & DEP'S REVISED VAPOR INTRUSION GUIDANCES****TIME: 1:30 – 2:30 PM**

In June 2015, the EPA issued two documents on vapor intrusion: OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air and Technical Guide for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Sites. The potential regulatory, technical and legal implications of these two documents on petroleum and non-petroleum vapor intrusion investigations will be discussed.

The Department of Environmental Protection will issue a substantial update to its vapor intrusion guidance in late 2016. The DEP Land Recycling Program will provide an overview of the revised vapor intrusion investigation process highlighting the key changes from the previous guidance.

*Speakers: Michael S. Maddigan, PA DEP, Harrisburg, PA; Christopher M. Roe, Esq., Fox Rothschild, LLP, Exton, PA*

**TOOLS FOR GREEN INFRASTRUCTURE AND REMEDIATION DECISIONS****TIME: 1:30–2:30 PM**

This session will present the Green Stormwater Infrastructure (GSI) Decision Tree, a new tool created by the New Jersey Institute of Technology and BRS, Inc. This tool helps communities interested in integrating GSI planning in an urban environment of brownfields by guiding them through decisions on whether or avoid, mitigate, or remediate sites. The session will include a demonstration of how the City of Philadelphia's Water Department is using the tool. This session will also present an overview of ASTM's Standard Guide for Greener Cleanup, which provides a way to integrate more sustainable approaches into the remediation portion of a Brownfields redevelopment project. It can be applied at any time during the cleanup process, from site investigation to long term monitoring, and features a protocol to identify, prioritize, select, implement, and document the use of greener cleanup best management practices (BMPs).

*Moderator: Dr. Colette Santasieri, New Jersey Institute of Technology; Speakers: Matthew Brener, P.E., BRS, Inc.; Nicole Hostettler, PP AICP, LEED-Green Assoc, Philadelphia Water Department; James D. Snook, LSRP, Mott MacDonald, LLC*

**IMPLEMENTING THE PLAN - CARLISLE GOES VERTICAL****TIME: 1:30–2:30 PM**

Attendees have been introduced to the Carlisle redevelopment effort in previous conferences. This session will provide an update specifically focused on the funding sources and techniques that have been pursued and acquired to implement planning recommendations for both public infrastructure and private development. Funding strategies include Federal, State and Local sources for transportation & stormwater infrastructure, recreational features, site prep work and vertical construction.

*Panelists: TBD, Borough of Carlisle; Matt Ward, CEO Sustainable Strategies DC; Sean Garrigan, Principal, Stromberg-Garrigan Associates, Inc.; Troy Truax, Michael Baker International; Jill Gaito, Gaito & Associates, LLC*

**AFTERNOON BREAK****TIME: 2:30–3:00 PM**

Time for the afternoon energy break, and time to network with fellow attendees and browse the exhibit hall

**THURSDAY, OCTOBER 27, 2016 (CONT'D)****INTEGRATED WATER AND WASTEWATER MANAGEMENT – PROMOTING GREEN SOLUTIONS FOR BROWNFIELDS****TIME: 3:00–4:00 PM**

Stormwater and wastewater management on brownfield sites is currently a hot topic in Pennsylvania. Does it warrant the close scrutiny? More importantly integrating stormwater management, water supply, and wastewater treatment technologies presents unique opportunities to enhance typical green infrastructure elements on brownfield sites. This session will present case study examples on water related permitting pitfalls for brownfields and highlight how standard regulatory and engineering practices for water and wastewater management need to be challenged to create sustainable, low cost solutions.

*Speakers: John R. Smith, Ph.D., P.E., CES Clean Water SM, Pittsburgh, PA; Mark Urbassik, P.E., KU Resources, Inc., Duquesne, PA*

**ENERGIZING BROWNFIELD REDEVELOPMENT****TIME: 3:00–4:00 PM**

The Marcellus and Utica Shale formations that underlie much of Pennsylvania provide the state with extraordinary resources in the form of natural gas and natural gas liquids. The 'end-of-the-pipe' opportunities abound, and energy-driven development will continue to occur in core use regions such as the greater Pittsburgh and Philadelphia regions. Development in these regions is an opportunity for land recycling. During this presentation or panel discussion, hear from key members of private and public entities on how brownfield redevelopment is part of the energy-oriented land use planning process.

*Potential Presenters/Moderators Include: Jason Hanna, Sr. Associate, Langan Engineering & Environmental Services; Denise Brinley, Special Assistant to the Secretary, Pennsylvania Department of Community and Economic Development; Jeanne Nevelos, Vice President – Business Expansion Services, Select Greater Philadelphia; Lisa Crutchfield /Erin Vizza, Senior Vice President of Advocacy and Public Affairs, Greater Philadelphia Chamber of Commerce, Pittsburgh Regional Alliance, Shell Chemical*

**THE PRESERVATION OF OPEN SPACE THROUGH UNIQUE PARTNERSHIPS****TIME: 3:00–4:00 PM**

Unique opportunities often lead to creative projects involving unlikely partners. The preservation of open space isn't a typical Brownfield project, but the natural significance of an 80-acre parcel of land located in southeastern Pennsylvania was identified by The Heritage Conservancy, a Bucks County based non-profit conservation organization, who made this a high priority preservation project. Heritage was able to secure public funding for this project and work with numerous parties to ensure that the Conservancy's goals were met and the preservation effort was successful. This panel will discuss the overall project and examine specific details of the project from various points of view including those of Heritage, the land owner, legal counsel and the environmental consulting firm involved.

*Speakers: James Bedison – Langan Engineering and Environmental Services; Steven Miano - Hangley Aronchick Segal Pudlin & Schiller; Kris Kern – Heritage Conservancy; Elizabeth Uhlhorn – The Dow Chemical Company*

**RECEPTION THURSDAY - EXHIBIT HALL RECEPTION****TIME: 5:00–7:00 PM**

Enjoy this final opportunity to network with the exhibitors in the exhibit hall during our Thursday evening reception. Set throughout the exhibit hall, we will offer appetizers and beverage service for registered attendees.

**FRIDAY, OCTOBER 28, 2016****TAKE IT TO THE BANK: PRIVATE FUNDING OPPORTUNITIES FOR BROWNFIELD REDEVELOPMENT****TIME: 8:15–9:15 AM**

Banks and Economic Development Corporations work with qualified purchasers of sites that require regulatory approvals for cleanup and redevelopment. An informed purchaser, one who utilizes strong legal counsel and qualified consultants experienced in brownfield redevelopment, will have the best possible outcome to enable them to find financing opportunities and gain the regulatory approvals needed for a successful transaction. Join us for a five-person panel discussion with seasoned professionals in the field of funding brownfield redevelopment in Central Pennsylvania.

*Speakers: Don Wagner, Esq., Stevens & Lee, Reading, PA; Jim Cinelli, PG, Liberty Environmental, Reading, PA; Carolyn French, Fulton Bank, Lancaster, PA; Lyle Hosler, Economic Development Company of Lancaster County, Lancaster, PA; Pat Dixon, Fulton Financial Corporation, Lancaster, PA*

**SHOW ME THE MONEY: FEDERAL FUNDING AND PRIVATE FOUNDATIONS****TIME: 9:15–10:15 AM**

Two of the nation's leading experts will help you successfully navigate the world of brownfield financing. At our first stop, our experts will explore several key federal funding programs, how they can be used and when to apply. At our next stop, our experts will explore the role and financial resources of private foundations. Along the way, our experts will share practical tips, proven strategies and real world examples from their many years of experience.

*Speakers: Charlie Bartsch, U.S. Environmental Protection Agency, Washington, D.C.; Mathew Ward, Sustainable Strategies, Washington, DC*

**MORNING BREAK****TIME: 10:15–10:45 AM**

Time for the morning stretch break, and time to network with fellow attendees.

**A LOOK INTO THE CRYSTAL BALL****TIME: 10:45–11:45 AM**

Please join us as two of Lancaster's brightest business minds share their predications for the U.S. economy and real estate trends for the upcoming year

*Speakers: David Hansen, Fulton Financial Advisors, Lancaster, PA; Mark Fitzgerald, High Real Estate Group, Lancaster, PA (Invited)*

**CONFERENCE CONCLUSION AND CLOSING REMARKS****TIME: 11:45–12:00 PM**