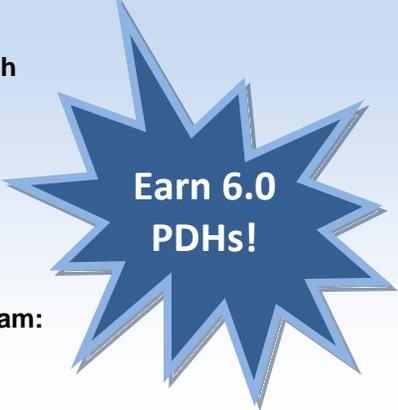




2011 Spring Seminar  
Crowne Plaza Columbus North  
6500 Doubletree Avenue  
Columbus, Ohio 43229  
(Map enclosed)

Tuesday, April 19th, 2011  
8:30 AM to 3:30 PM



Earn 6.0  
PDHs!

**Low Impact Development and LEED - Ohio Balanced Growth Program:  
Watershed Plans and Best Practices for Local Governments  
Earn 6.0 Professional Development Hours (PDH)!**

Join Ohio EPA experts and consultants to learn about voluntary incentive-driven Ohio Balanced Growth Program (by Water Resources Council and Lake Erie Commission) to encourage implementation of balanced approach to Ohio land use planning. We will address Low Impact Developments (LID), LEED, Best Management Practices (BMPs), Stormwater Program, and latest technologies with designing complete BMPs.

Over the last several years there has been a rapid movement to implement low impact development (LID) design concepts and green infrastructure. LID designs strive to minimize land disturbance and impervious cover, maintain predevelopment hydrology and manage stormwater using smaller scale decentralized best management practices. Green infrastructure generally refers to a suite of stormwater management strategies such as green roofs, rain gardens, riparian buffers, permeable pavements, and rainwater harvesting that is intended to reduce the amount of runoff reaching our receiving waters. While most projects can accommodate at least some of these green design concepts, design challenges often arise in urban areas where it's common to encounter existing utilities, limited land availability, and poor or contaminated soils. In these instances it is often possible to achieve many of the fundamentals of LID design by incorporating rainwater harvesting and/or underground stormwater management strategies into the site design.

This session will address completed and current watershed-based balanced growth plans, with discussion of local balanced growth watershed projects, lessons learned, and incentives for local government to participate. Information on a case study project to address barriers in implementation of Best Practices for Stormwater will be provided, as well as resources available to local communities interested in implementing Best Practices in their planning and zoning. We will discuss the recommendations of the statewide Best Local Land Use Practices program. Information about development and conservation priority practices for local governments, and assistance available for education and implementation, will be addressed. Plans for 2011 include progress on the watershed plans, addressing the needs of urban and first suburb areas, continued exploration of issues affecting site development, water resources and economic development, and development of networks of practitioners in eight regions of Ohio.

This presentation will also provide a regulatory overview of stormwater management and the trends that are driving the movement toward Green Infrastructure. This will be followed with an overview of Low Impact Development and Green Infrastructure concepts. We will also explore the basics of rainwater harvesting including example layouts and key components, and highlight the various underground stormwater management strategies that can augment LID designs along with the latest research and performance expectations for these practices.

- Contact Michael Navabi (contact information on the opposite side of this sheet) for additional information.

**Who should attend? Engineering consultants, regulatory officials, municipal administrators and others interested in learning more about our states stormwater regulations, LID, LEED & BMPs.**

**Presentation Abstracts**

**Gail Hesse** serves is an Environmental Manager for the Ohio EPA and is responsible for administering the Lake Erie and source water protection for surface drinking water programs. She also serves as Administrator of the Ohio Water Resources Council, a consortium of 9 state agencies and commissions established to promote collaboration on water policy and program development across state agencies. She has worked with stakeholders in the public and private sectors on both regulatory and incentive-based programs, and worked on land-based approaches to watershed management and water quality restoration. She has a master's degree in environmental science and a bachelor's degree in geography and is a graduate of the Ohio Certified Public Manager program for senior management in the public sector.

**Kirby Date, AICP** is Program Manager of the Community Planning Program (Countryside) housed at Cleveland State University, Levin College of Urban Affairs. She is an Ohio registered landscape architect and a member of the American Institute of Certified Planners, and has over 30 years of experience in the consulting and construction fields. Her areas of expertise include development design and planning for parks, open space and environmental areas, working with local governments across Ohio on implementation of Best Local Land Use Practices with the Ohio Balanced Growth Program. She also leads a program to assist small communities with citizen-driven, comprehensive land use planning.

**Harry Kallipolitis** is Central District Office Stormwater Coordinator for OEPA. He has been with the program since its inception back in early 90's. Mr. Kallipolitis is responsible for the development, implementation and oversight of Ohio Phase One and Phase Two Stormwater Regulations. He conducts stormwater inspections of various construction and industrial sites to ensure compliance, and is working with local municipalities to implement local stormwater regulations. His expertise includes permitting requirements and the development of Stormwater Pollution Prevention Plans, common compliance problems noted in the field and the associated corrective actions required to ensure compliance.

**Dionne Driscoll Delli-Gatti** is a Regional Regulatory Manager for CONTECH Construction Products, Inc., responsible for regulatory relations with agencies responsible for stormwater management. She has BA in Environmental Geology and MS in Environmental Science with a minor in Public Administration with over 15 years of environmental experience including over five years with the City of Dallas, first as an Assistant to the Mayor, and second, as an Environmental Specialist for the Department of Aviation, where she was responsible for starting up and managing the environmental section including the NPDES/TPDES program under an industrial permit. She rounded out her tenure with the City as a Senior Environmental Specialist in the Office of Environmental Quality where her responsibilities included managing several departments in the City's effort to develop and implement a citywide ISO 14001 certified Environmental Management System, managing the City's petroleum storage tank compliance program, and developing and conducting training for both citizens and City employees on various environmental issues. She also worked as an environmental consultant and as a Site Coordinator with the OEPA. Her areas of specialization include issues related to storage tanks, storm water, drinking water, and SPCC plans. Throughout her career, water quality and conservation issues have been a primary focus.

## Registration

One registrant per form. Please duplicate this form for additional registrants.

ASCE Members: \$ 100.00  
Non-Members: \$ 120.00  
Students: \$ 30.00  
Registration after March 24, 2011: \$ 150.00

Fee includes morning continental breakfast, lunch, break refreshments, and parking.

The preferred method of payment is [online](#) by April 1, 2011. If you need to pay for multiple registrations, please pay by check. Checks should be made payable to *Central Ohio ASCE*.

Please register and pay [online](#) with a credit card. **Registration is due by 4 PM on Friday, April 1, 2011.** Registration fees may still be required for no-shows and registrants canceling after April 1, 2011.

Or - Please submit checks with registration forms.

Make checks payable to: *Central Ohio ASCE*  
Michael Navabi, Prime Engineering,  
3000 Corporate Exchange Drive, Columbus, Ohio 43231  
Telephone: 614-839-0250, Cell: 614-634-2274

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

e-mail \_\_\_\_\_

Choice of lunch will be fish, chicken or vegetarian. Please specify preference or any special dietary needs.

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## Schedule

8:30 - 9:00	Registration with Refreshments	
9:00 - 10:00	OEPA Balanced Growth Program	Gail Hesse Kirby Date
10:00 - 10:15	Break	
10:15 - 11:15	Ohio Stormwater Regulations	Harry Kallipolitis
11:15 - 12:00	National Regulatory Trends: an overview of regulatory drivers and guidance manuals associated with LID and LEED.	Dionne Delli-Gatti
12:00 - 1:00	Lunch Break	
1:00 - 1:45	Background of LID and LEED, including benefits, practical consideration and limitations, maintenance issues and planning related to all types of Best Management Practices (BMP's).	Dionne Delli-Gatti
1:45 - 2:30	Innovation solutions and engineering practices to address complex site issues and the LEED credit potential associated with each.	Dionne Delli-Gatti
2:30 - 2:45	Break	
2:45 - 3:30	Rainwater Harvesting and Reuse Systems	Dionne Delli-Gatti

## Directions and Map

### DIRECTIONS TO THE EVENT:

**Crowne Plaza Columbus North**  
6500 Doubletree Avenue  
Columbus, Ohio 43229  
Phone: (614) 885-1885

#### **From the North:**

Take I-71 South to the OH 161/East Dublin Granville Rd exit. Turn right on 161. Turn right on Busch Blvd. Turn right on Kingsmill Parkway. Cross through Doubletree Avenue into the hotel parking lot.

#### **From the South:**

Take I-71 North toward Columbus the OH 161/East Dublin Granville Rd exit. Turn left on 161. Turn right on Busch Blvd. Turn right on Kingsmill Parkway. Cross through Doubletree Avenue into the hotel parking lot.

