

# Schedule

Time	Track 1	Track 2
8:45		
9:00		
9:30	9:00 Vendor Set Up	
9:45		Early Bird Registration for AM Class 9:30 - 10:00 am
10:00		IEQp.1: Common Pitfalls and How to Avoid Them 10:00 - 11:30 am
10:15		
10:30		
10:45		
11:00	11:00 Main Registration Opens	
11:15		
11:30		
11:45	11:45 Lunch Served	
12:00	12:00 - 12:45 Opening Keynote: Scot Horst, Senior VP USGBC	
12:15		
12:30		
12:45		
1:00	Selinsgrove Elementary School Case Study 1:00 - 2:00 pm	BD+C: Top 10 Efficiency Measures for Load Reduction 1:00 - 2:30 pm
1:15		
1:30		
1:45	Coffee & Desserts Served in Main Hall	
2:00		
2:15		
2:30	Bethlehem Area School District Solar Program 2:30 - 3:30 pm	Coffee & Desserts Served in Main Hall
2:45		
3:00		DVGBC Spokesman: Updating and maintaining your LEED credentials (available in classroom)
3:15		
3:30	Sustainability Principles in the Curriculum 4:00 - 5:00 pm	LEED for New Construction Materials & Resources 3:30 - 5:00 pm
3:45		
4:00		
4:15		
4:30		
4:45	5:00 Closing Keynote: To be Announced	
5:00	Cocktail Reception & Networking	
5:15		
5:30		
5:45		
6:00		



DELAWARE VALLEY GREEN BUILDING COUNCIL

## Green Schools Conference & Expo

Green Schools for Everyone within a Generation



Penn State University

Lehigh Valley Campus

Center Valley PA

Thursday, May 12th 2011

## Check out Our Educational Sessions

Review a School Renovation and Expansion Case Study...

### Selinsgrove Elementary School, Selinsgrove PA (Gold Certification 2010)

Speakers: Mr. Jim Martin, EI Associates, Project Manager  
Dr. Robert Berghage, PSU Green Roof Research Center  
Mr. Todd Reed, Energy Opportunities Inc. and a 7 Group member

Recipient: 2010 Green Building Award by Green Building Association of Central PA.

Talk with the project team on how they utilized an integrated design process to create a high performance building and healthier, more productive learning environment. Review how they utilized daylighting strategies, recycled materials, vegetative roof, on-site stormwater solutions and more.

Attend a Session on Sustainable Initiatives for Existing Schools...

### Bethlehem Area School District (BASD) Solar Program

Speakers: Dr. Joseph Roy, Superintendent of Schools BASD and  
Mr. Fazil, P.E., District Engineer, D'Huy Engineering

Phase 1 of the project started in October 2010, which included installing solar Photo Voltaic (PV) facilities at 5 district schools. Approximately 2 million kWh of electricity will be generated each year from these ground mounted, roof mounted and parking lot canopy installations, which is the equivalent to the Carbon produced annually by 269 passenger cars. The Phase 1 BASD Projects are estimated to save the school district more than \$1.6M in energy costs over the life of the projects.

Explore how "Best Practices" are not just for Buildings...

### Environmental Stewardship and Sustainability Principles in the Curriculum

Speakers: Mr. Rob Aptaker, Seven Generations Charter School, Emmaus and  
Mr. Michael Walsh, Deputy Secretary for Administration,  
PA Dept of Education

Using both indoor and outdoor environment as teaching opportunities, students continue their classroom lessons beyond the school yard. Explore creative ways to include sustainability in your curriculum and learn more about the Pathways to Green Schools Program.

## Take Advantage of our LEED Sessions

### IEQp1: Common Pitfalls and How to Avoid Them

Ms. Natalie Sobrinski, P.E. LEED AP, *Lehigh Valley Engineering*

As project teams attempt to achieve the requirements of IEQp1, they often encounter common issues surrounding calculations and documentation. This session will provide strategies for HVAC design professionals to overcome these obstacles in LEED projects and successfully meet the minimum indoor air quality requirements set by ASHRAE Standard 62.1-2007 and IEQp1 in multiple building types.

### BD+C: Top 10 Efficiency Measures for Load Reduction

Mr. Ahmad Mahmud, P.E. LEED AP, *Building Systems Engineering Group LLC*

The first step for reducing energy consumption of a building is to reduce the energy loads on the building. Consideration of load reduction techniques early in the design phase often comes at low or no added cost. During this webinar you will learn about best practices and top 10 strategies to reduce the energy loads on buildings. The session will highlight energy simulation as a design tool and key to successfully implementing EA Credit 1. The webinar will feature commercial building projects certified under the LEED for New Construction rating system.

### LEED for New Construction - Materials & Resources

Mr. Larry Rowland, CCPR, LEED AP, *Lehigh Cement Co. LLC, White Cement Division*

This session reviews the Materials and Resources Prerequisite and Credits for the 2009 LEED® Green Building rating system for New Construction and Major Renovations. It identifies potential strategies and relevant building team members for achieving the various credits. This session will describe key Materials and Resources metrics and standards and give designers, contractors and owners concrete ideas for incorporating sustainable strategies into their projects.

Each LEED session is approved for 1.5 GBCI CE, 1.5 AIA/CES (LU) credits.

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[www.dvgbc.org/event/  
Lehigh\\_Valley\\_conference](http://www.dvgbc.org/event/Lehigh_Valley_conference)



**REGISTER TODAY!**

**Cost :**

DVGBC Members: \$55.00

Non-members: \$75.00

School Employee/ Staff: \$35.00

Students: \$15.00

Fee includes lunch, dessert, beverages  
and cocktail networking reception!