

Sustainable Green Trends Workshop

Holiday Inn East Windsor NJ

Tuesday 12.03.2013



AIA/ HSW/ PDH
GBCI CE Hours
LA CES Hours

Full Day attendees will be awarded:

8.5 AIA-HSW Learning Units-Health, Safety & Welfare

8.5 PDH (Professional Development Hours), accepted in most states for Registered Architects & Professional Engineers

8.5 GBCI CE hours, accepted by the Green Building Certification Institute to satisfy credential maintenance requirements for LEED APs and GAs

8.5 LA CES credits, accepted in most states for Registered Landscape Architects

Date: Tuesday, December 3, 2013

**Place: Holiday Inn of East Windsor
399 Monmouth Street,
East Windsor, NJ 08520**

**Price: Full Day: \$219
Half Day: \$149**

4 ways to register:

mail: DPC Continuing Education inc.
5 Terry Lane, Plainview, NY 11803

Please make checks payable to: DPC Continuing Education inc.

fax: 516-730-5083

phone: 516-681-0057

email: info@dpcceinc.com

Groups: Groups of three or more individuals from the same firm will be offered the reduced prices of **\$199** per person for the full day, or **\$135** per person per half day.

Cancellation policy: If you need to cancel your reservation, please tell us by **November 29th**. There is a \$25 administrative fee for all cancellations. Your deposit can also be transferred to a future seminar!

Please note: Seminar topics and speakers are subject to change.

DPC Continuing Education inc. is committed to the ongoing professional development of Registered Architects, Professional Engineers, Landscape Architects and LEED Professionals through live, workshop-style educational programs. Our events are generally offered on a monthly basis, throughout the Tri-state area. They are offered in comfortable settings and offer breakfast, lunch and refreshments.

As Continuing Education Providers for AIA, LA CES, and GBCI, DPC has agreed to abide by established operational and educational criteria, and is subject to annual reviews and audits for quality assurance. Our programs are accepted for credit in New York, New Jersey, and most other states.

Our programs feature a slate of highly knowledgeable speakers addressing the many aspects of sustainable design and other areas, such as design, technology, building envelope, building science, materials and practice topics.

DPC Continuing Education inc. is a registered continuing education provider with the American Institute of Architects Continuing Education System, LA CES of the American Society of Landscape Architects, and the Green Building Certification Institute (GBCI), which is a subsidiary of the US Green Building Council.

The courses in this workshop have been reviewed and approved by the USGBC for content and technical quality. Completion of this workshop, or parts thereof, will provide up to 8.5 CEUs towards LEED AP & LEED GA credential maintenance. Partial attendance will result in less than the full 8.5 CEUs.



Event Schedule | December 3

Track A

Session 1A: 8:15 - 9:40 am

The Changing Realities of Climate Change

Marc Karell, P.E., CEM, Principal, Climate Change & Environmental Services, LLC

Learn how to develop cost-effective programs that respond to environmental concerns and address the critical subject of climate change. We will describe the features of a climate change program, in terms of its environmental and energy reduction features, as seen from an environmental science perspective.

AIA Program No. 273CLI GBCI Course No. 90009059
1.5 AIA-HSW, PDH, LA CES, GBCI CE

Session 2A: 9:55 - 10:50 am

Mass Segmental Retaining Walls: Theory, Sustainable Design and Construction

Daniel G. Moreland, LEED GA,
BELGARD Architectural Representative with Anchor, an Oldcastle Company

Learn how you can combine mass segmented retaining walls with a number of other innovative site treatments to create successful LEED projects

AIA Program No. 298RET GBCI Course No. 90010309
1.0 AIA-HSW, PDH, LA CES, GBCI CE

Session 3(A+B): 11:00 - 1:00

Passive Solar Design: Recent developments, incl. the move to zero energy solutions

Bruce Brownell, Adirondack Alternative Energy, Douglas P. Casper, AIA, LEED AP
Jean-Pierre Clejan, NABCEP, IGSHPA, GreenLogic Energy, Anthony Musso, AIA

Learn how to design passive solar structures, and the benefits of a tight, highly insulated building envelope coupled with passive solar techniques and the latest in renewable energy technologies. See how to reduce energy use in existing buildings through altering mechanical equipment, and using sun shades & enhanced daylighting.

AIA Program No. 307PAS GBCI Course No. Pending
2.0 AIA-HSW, PDH, LA CES, GBCI CE

Complimentary Lunch | 1:00 - 1:40 pm

Session 4A: 1:40 - 5:40 pm

Planning, Implementing and Maintaining a Green Roof System for Sustainable Projects

Jorg Breuning, President/Founder, Green Roof Service LLC
William F. Foley, CSI, CCPR, GRP,
Sustainable Technologies Specialist, Tremco Inc.

There are a number of ways vegetated roofs can be an aid in developing sustainable design solutions. Describe how vegetated roofs have a positive effect on stormwater management, and gain some practical advice about how to plan and implement your next green roof project. Attendees will learn about the compelling reasons to design and implement green roofs in all types of construction environments. Plant selection, the history of green roofs, and proper detailing of a green roof will be covered as well.

AIA Program No. 300GRN GBCI Course No. 90010311
4.0 AIA-HSW, PDH, LA CES, GBCI CE

Track B

Session 1B: 8:15 - 9:40 am

Solar Electricity for Commercial & Residential Applications

Jean-Pierre Clejan, NABCEP, IGSHPA,
Senior Energy Consultant, GreenLogic Energy

Learn the economics that make solar electric and geothermal systems an attractive choice for commercial & residential bldgs and the incentives programs that exist in NYC and surrounding areas. Review case studies of LEED projects using solar electricity and geothermal HVAC and embrace a higher level of energy efficiency in your designs.

AIA Program No. 296SOL GBCI Course No. 90007431
1.5 AIA-HSW, PDH, GBCI CE

Session 2B: 9:55 - 10:50 am

Joints & Joint Sealants

Michael Winge, Sika Corp.

Sealants are utilized in virtually every building project. Attendees to this session will be introduced to the uses of construction sealants. Design issues will be explored as well.

AIA Program No. 305SEA
1.0 AIA-HSW, PDH, LA CES

Session 4B: 1:40 - 5:40 pm

Ecosystems and Human Impact:

Innovative Methods Towards Restoration

Lenny Meyerson, BChE, P.E.

Learn about the elements nitrogen & phosphorus and how they affect the ecosystem. Study the nitrogen cycle, as well as the phosphate cycle and how they relate to plants, oceans, and people. Explore the impacts of excess nitrogen or phosphorus. Local estuaries, such as the Long Island Sound and the Catskills watershed area that provides NYC its drinking water, will be analyzed for levels of environmental health. Future trends affecting these ecosystems will be analyzed.

AIA Program No. 302IEQ GBCI Course No. 90010313
4.0 AIA-HSW, PDH, LA CES, GBCI CE

Please note: Speakers and topics are subject to change