



dpc **continuing** education, inc.

Green Design For The Future Workshop



New York | NY

01.23.2013 & 01.24.2013

**AIA/ HSW/ SD/ PDH
GBCI CE Hours
LA CES Contact Hours*



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.

Attendees to the entire DAY will be awarded 15 AIA LU / HSW/ SD (Learning Units, Health, Safety & Welfare, Sustainable Design) / 15 PDH (Professional Development Hours) Contact Hours, which are accepted in all states for Registered Architects and most states for Professional Engineers / 15 LA CES, which are accepted in most states for Registered Landscape Architects / 15 GBCI CE Hours, which are accepted by the Green Building Certification Institute to satisfy credential maintenance requirements for LEED APs and LEED Green Associates, as well.

Personalize Your Schedule:

Choose the program offerings that best fit your educational needs.

Dates: January 23 & 24, 2013
Place: Holiday Inn Midtown 57th Street
440 West 57th Street,
New York, NY 10019



Day One | January 23, 2013

1A

Section One | 8:30 AM - 10:00 AM

1B

The Changing Realities of Climate ChangeAIA. 273CLI
1.5 AIA - HSW / SD, PDH,
LA CES, GBCI CE**Marc Karell, P.E., CEM,**
Principal, Climate Change &
Environmental Services, LLC*Project Site Factors*

The topic of Climate Change is a major one we see daily in the newspapers and in international debates and forums. Develop cost-effective programs that respond to environmental concerns and address the subject of climate change. Describe the features of a climate change program, in terms of its environmental, as well as energy reduction features, as seen from an environmental science perspective.

*USGBC Course ID: 90009059***Green Retrofit Projects: Strategies & Results**AIA. 240RET
1.5 AIA - HSW / SD, PDH, GBCI CE**Jonathan Braman,**
LEED AP, BPI; VP, Portfolio
Solutions Group; Bright Power*Project Systems and
Energy Impacts*

Describe inefficiencies in building operations and measure the impact of building upgrades. New Energy Code requirements will be presented. Program includes case studies of both multi-family and commercial buildings in New York City.

USGBC Course ID: 90007413

2A

Section Two | 10:10 AM - 11:10 AM

2B

Countdown to a Zero Energy BuildingAIA. 276ZER
1.0 AIA - HSW / SD, PDH,
GBCI CE**Jean-Pierre Clejan,**
IGSHPA, NABCEP, Senior
Energy Consultant / Technology
Executive, Green Logic Energy*Project Systems and
Energy Impacts*

Learn how to design zero energy buildings with no ongoing carbon footprint. Understand the basic requirements and associated concepts that make mainstream zero energy buildings possible and attractive to stakeholders. Maximize efficiency and renewable energy production with best available technology to minimize operating costs while providing solid financial returns and a green differentiator.

*USGBC Course ID: 90009187***Methods for Planning and Implementing a Vegetated Roof Design for LEED Buildings**AIA. 223GDN
1.0 AIA-HSW/SD, PDH,
LA CES, GBCI CE**William F. Foley,**
CSI, CCPR, GRP, Sustainable
Technologies Specialist,
Tremco Incorporated*Water Management*

Learn how vegetated roofs have a positive effect on storm water management, and gain some practical advice about how to plan and implement your next green roof project. The audience will learn about the compelling reasons to design and implement green roofs in all types of construction projects.

USGBC Course ID: 90005935

Day One | January 23, 2013

3A Section Three | 11:20 AM - 12:20 PM

3B

**LEED Requirements for
Division 6 Materials****Jeffery Baker,**
Product Specialist, SierraPineAIA. 278MAT
1.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE*Improvements to the
Indoor Environment*

This program provides a description of the different types of composite wood panel products available for use in the built environment. It also includes an in-depth review of testing protocols used by composite panel manufacturers to ensure repeatability of their product specifications. It provides identification of key specifications that can be used to determine if a product is suitable for the intended application. This program reviews the LEED credits supported by composite wood products and updates the learner on advancements in adhesive technology that have enabled manufacturers to reduce VOC emissions in these products.

USGBC Course ID: 90009189

**Terrazzo: The Original
Recycled Floor****David Laudadio,**
East Regional Sales Manager,
Terrazzo & Marble Supply Co.AIA. 261TER
1.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE*Project Systems and
Energy Impacts*

Attendees will learn about new, creative ways of designing & detailing terrazzo. Terrazzo installations have been proven to withstand the tests of time. The differences between the different mixes available will be explained. There are over 600 design mixes available and terrazzo can be custom-designed to suit your project requirements.

Section Four | 1:00 PM - 5:00 PM

**Fukushima, Hydrofracking
and Future Trends in Energy****Lenny Meyerson, BChE, P.E.**AIA. 274ENE
4.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE*Project Systems and
Energy Impacts
/ Water Management*

This session examines the impact of power generating technologies on human health and the environment. After a review of electromagnetic radiation, ionizing vs. non-ionizing energy and nuclear power plant design, there will be a case study of the Fukushima Dai-Ichi catastrophe. Then the impact of fossil fuel burning power plants on air quality will be examined and evaluated. Finally, the pros and cons of several of the emerging renewable and sustainable energy technologies will be considered; carbon footprints of all available power sources will be compared.

Attendees will receive an overview of reservoirs, aquifers and their vulnerability to pollutants. Then the discussion will focus on an examination of hydraulic fracturing technology to obtain natural gas. This will be followed by case studies of water supply contamination at Pennsylvania fracking sites and lessons learned. Then we will consider the possible harmful effects of transferring this technology to New York state.

USGBC Course ID: 90009183



Day Two | January 24, 2013

1A Section One | 8:30 AM - 10:00 AM

1B

Water Reuse Systems and Integrated Water Resource ManagementAIA. 242WTR
1.5 AIA - HSW / SD, PDH,
LA CES, GBCI CE**Zachary Gallagher, P.E., LEED AP,** Vice President, Engineering & Construction, Natural System Utilities*Water Management*

Water is an important resource. There is available a new method of handling wastewater. This approach features switching from huge wastewater treatment plants to more localized systems. This program includes case studies of successful municipal projects solving these vital problems faced by engineers and planners, today.

*USGBC Course ID: 90007414***Building Information Modeling & Integrated Design – Strategies for Success**AIA. 280BIM
1.5 AIA, PDH, LA CES**Marcello DiGeronimo,** AIA, LEED AP, Project Information Manager, Turner Construction

This class will act as an introduction to the entire field of BIM and integrated design, delving into all aspects of the subject. Develop project delivery approaches that can greatly improve project team synergies. Manage projects more successfully, using Integrated Design. Attendees will leave this session with an understanding of the scope of Building Information Modeling, as presented by an expert on the cutting edge of this rapidly developing field.

USGBC Course ID: 90007413

2A Section Two | 10:10 AM - 11:10 AM

2B

Sustainability Water Conservation and LEED ProjectsAIA. 279WTR
1.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE**Michael G. Hoffman,** CSI, Sales Manager, Bradley*Water Management*

Design professionals need to develop a keen awareness of water as a precious resource and how we can conserve it through proper building design strategies. This program highlights water conservation and sustainable practices in conjunction with the various LEED rating systems' water efficiency credits.

*USGBC Course ID: 90009190***Rain-Screen Principle Wall Systems for Porcelain Tile & Stone Veneer**AIA. 263ENV
1.0 AIA - HSW / SD, PDH**John M. Penta, Jr.,** Sales Manager, Porcelanosa USA

Attendees will be introduced to a new type of exterior wall system, one which features a vented airspace that can accept water-resistant insulation. Attendees will learn of the advantages and disadvantages of this system and some of its features and characteristics.





Day Two | January 24, 2013

3A Section Three | 11:20 AM - 12:20 PM

3B

**Mineral Wool Insulation:
Sustainable Solutions for
Thermal, Fire, and Sound
Control**

AIA. 262INS
1.0AIA, PDH, GBCI CE

Thomas C. Whipple,
Northeast US Manager
Specifications, Roxul

*Project Systems and Energy
Impacts*

The energy savings potential of a properly insulated building is well understood. This program will focus on the properties of mineral wool insulation and its contributions to the exterior wall assembly in the areas of: thermal, fire, water, and sound control.

USGBC Course ID: 90004685

**Green, Blue and White
Roofing and It's Applicability
to Sustainable Design**

AIA. 220GRD
1.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE

Brian Kelly,
Account Executive,
Kemper System USA

*Project Systems and
Energy Impacts*

There are now three distinct types of sustainable roof solutions: green, blue and white. Designers need to understand the relative benefits of each approach, in order to effectuate their sustainable design ideas. Understand the standards that are used as the basis for green roofs and the myriad benefits that can be reaped. Numerous case studies will be presented.

USGBC Course ID: 90005816

4A Section Four | 1:00 PM - 5:00 PM

4B

**Air and Water Pollution
Awareness for Building
Design Professionals**

AIA. 275IEQ
4.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE

Martin McMorro, Jr.,
P.E., LEED AP

*Improvements to the
Indoor Environment*

Learn about air and water pollution and how it affects buildings. Topics to be covered include: air pollution sources, regulations, permits, air pollution control devices, sources of water pollution, water discharge issues, compliance monitoring, and enforcement. This class will include relevant case studies.

USGBC Course ID: 90009186

**Solar & Geothermal Power:
a broad overview**

AIA. 285SOL
4.0 AIA - HSW / SD, PDH,
LA CES, GBCI CE

Jean-Pierre Clejan,
IGSHPA, NABCEP, Senior
Energy Consultant / Technology
Executive, Green Logic Energy

*Project Systems and
Energy Impacts*

Attendees will be introduced to the economics that make solar electric and geothermal systems an attractive choice for commercial buildings. What are the various incentives programs that exist in New York City and the surrounding areas? Review recent case studies of LEED projects that incorporated solar electricity and geothermal HVAC and embraced a higher level of energy efficiency in their designs and realized significant benefits from the synergy of these technologies.

USGBC Course ID: 90009273



DPC Continuing Education inc. is offering its normal high quality programs, but for the first time they are being offered in a two-day two-track format. This will allow attendees to better choose the program offerings that fit their personal educational goals.

Attendees will be awarded 15 AIA LU/ HSW/ SD (Learning Units, Health, Safety & Welfare, Sustainable Design) / (Professional Development Hours) – Contact Hours (Accepted in all states for Registered Architects & Professional Engineers) / LA CES, (Accepted in most states for Registered Landscape Architects) and GBCI CE Hours, (Accepted by the Green Building Certification Institute to satisfy credential maintenance requirements for LEED APs and LEED Green Associates) for attending both Seminar days.

Full Day \$199.00* | Morning or Afternoon Session only is \$139.00* Both Days \$349.00*
*\$20 Fee for paying at door

Send Registrations to:
DPC Continuing Education inc,
5 Terry Ln.,
Plainview, NY 11803-5510

You can register by Faxing to: 516-730-5083, over the phone by calling: 516-681-0057, or by e-mail to: info@dpcceinc.com

Dates: January 23 & 24, 2013
Place: Holiday Inn Midtown 57th Street
440 West 57th Street,
New York, NY 10019

Continuing Education Credit: 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.

Cancellation policy: If you need to cancel your reservation - please send names as soon as possible. Cancellations must be in writing. There is a \$25.00 administrative fee for all cancellations. DPC Continuing Education inc. will accept no cancellations after January 17, 2013.

Directions: Call (516) 681-0057 for directions.

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

Groups: Groups of three (3) or more individuals from the same firm will be offered the reduced price of \$169.00 per person per day & \$329 for both days

Credit Summary	Day One	Day Two	Both Days
Registered Architects (RA's) & Professional Engineers (PE's)	7.5	7.5	15
AIA Health Safety & Welfare (HSW) + Sustainable Design (SD)	7.5	7.5	15
Registered Landscape Architects (RLA's)	7.5	7.5	15
GBCI CE Hours	7.5	7.5	15
Cost	\$199	\$199	\$349

**Complimentary Lunch 12:20 PM to 1:00 PM
(Full Day Attendees Only)**



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 15 Ceus towards leed ap & leed ga credential maintenance. Partial attendance will result in less than the full 15 Ceus.

