

Sustainable Green Trends Workshop

Holiday Inn Midtown, NYC

Wed 09.18 - Thu 09.19.2013



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

Full Two Day attendees will be awarded:

16 AIA-HSW Learning Units-Health, Safety & Welfare
16 PDH (Professional Development Hours), accepted in most states for Registered Architects & Professional Engineers
16 GBCI CE hours, accepted by the Green Building Certification Institute to satisfy credential maintenance requirements for LEED APs and GAs
14 LA CES credits, accepted in most states for Registered Landscape Architects

Dates: Wednesday, September 18, 2013
Thursday, September 19, 2013

Place: The Holiday Inn Midtown 57th Street
440 West 57th St., New York, NY 10019

Price: Two Days: \$399
One Day: \$219
Half Day: \$149

4 ways to register:

mail: DPC Continuing Education inc.
5 Terry Lane, Plainview, NY 11803-5510
fax: 516-730-5083
phone: 516-681-0057
email: info@dpceinc.com

Groups: Groups of three or more individuals from the same firm will be offered the reduced prices of:
\$379 per person for both days, \$199 per person for one day, or \$135 per person per half day.

Cancellation policy: If you need to cancel your reservation, please tell us by September 15th. 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 16 CEUs towards LEED AP & LEED GA credential maintenance. Partial attendance will result in less than the full 16 CEUs.



Schedule | Day One | Wed 09.18

Track A

Session 1A: 8:30 am - 12:30 pm | 4.0 AIA-HSW, PDH, LA CES, GBCI CE
Planning, Implementing, and Maintaining a Green Roof System for Sustainable Projects

Jörg Breuning, President, Green Roof Service LLC

William F. Foley, CSI, CCPR, GRP, Sustainable Technologies Specialist, Tremco Inc.

Explore the many ways green roofs can help develop sustainable design solutions. Learn how green roofs aid in stormwater management, and the compelling reasons to design and implement green roofs in all types of construction environments. Practical advice, plant selection, the history, and proper detailing of a green roof will be covered as well.

300GRN 90010311

Track B

Session 1B: 8:30 am - 12:30 pm

Sustainable Demolition and Remediation

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

Examine environmental regulations issues that could come up in the design of construction projects. Discuss wetland permits, dealing with "universal waste", stormwater drainage, air emissions, and worker safety. Study the environmental remediation process during a building Demolition/renovation project. Sustainability can be included in projects through effective construction waste mgmt. and building component re-use.

4.0 AIA-HSW, PDH, LA CES, GBCI CE

301DEM

90010312

Complimentary Lunch | 12:30 - 1:15 pm

Session 2A: 1:15 - 2:10 pm 1.0 AIA-HSW, PDH, GBCI CE

Residential Solar Energy

Jean-Pierre Clejan, IGSHPA, NABCEP

Senior Energy Consultant/Technology Executive Green Logic Energy

Explore current trends in solar renewable energy alternatives, including aesthetic issues and installation considerations. Extensive case studies will be presented.

227SOL 90006284

Session 2B: 1:15 - 5:15 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.

4.0 AIA-HSW, PDH, LA CES, GBCI CE

302IEQ

90010313

Session 3A: 2:15 - 3:10 pm 1.0 AIA-HSW, PDH, LA CES, GBCI CE

LEED Requirements for Division 6 Materials

Jeffery Baker, Product Specialist, SierraPine

See the many types of composite wood panel products available for use in the built envmt. Review the LEED credits supported by composite wood products, how advancements in adhesive tech. have reduced VOC emissions.

278MAT 90009189

Session 4A: 3:15 - 4:15 pm 1.0 AIA-HSW, PDH, LA CES, GBCI CE

Water Efficiency Strategies for Plumbing

Jeremy Cressman, LEED AP

Metro Business Development & Commercial Programs Manager - American Standard Brands

Gain baseline knowledge regarding water efficiency strategies as they relate to new construction and renovation projects. See how the use of water-efficient fixtures can help gain LEED Certification.

304WTR 90005994

Session 5A: 4:20 - 5:15 pm 1.0 AIA-HSW, PDH, LA CES

Design of Glass, the Transparent Element

Holger Schulze-Ehring, Sr Project Manager, Simpson Gumpertz & Heger Associates Inc., P.C.

The theory of glass design: glass properties and characteristics, thermal pre-stressing, analysis, and design. The importance of load, impact, and post-failure testing. Case studies with modern structural glass for bldg. envelope.

291GLS

Please note: Speakers and topics are subject to change



Schedule | Day Two | Thu 09.19

Track A

Session **1A**: 8:30 am - 10:25 am 2.0 AIA-HSW, PDH, LA CES

They Did What to the Code?! - Update to the NY, NYC, & NJ Bldg. Codes

David J. Jacoby, Principal, Simpson Gumpertz & Heger

Learn the codes being enforced in NY, NYC and NJ and get a brief overview of the Int'l Code Council's code dev. process. Review key changes to the relevant editions of the Int'l Building Code (IBC) --the base code for the current NY/ NJ codes and the future NYC code. Discuss the basis for these changes, and potential impact on building design going forward. Also the impact on the future NYC code, and new guidance for structures and fire analysis.

303COD

Session **2A**: 10:35 - 11:30 am 1.0 AIA-HSW, PDH, LA CES

Joints & Joint Sealants

Michael Winge, Sika Corp.

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

305SEA

Session **3A**: 11:35 am - 12:30 pm 1.0 AIA-HSW, PDH, LA CES

Terrazzo: The Original Recycled Floor

David Laudadio, Terrazzo & Marble Supply Co.

Learn about new, creative ways of designing & detailing terrazzo. See the differences between the over 600 different mixes available. Terrazzo installations withstand the test of time & can be custom-designed.

261TER

Complimentary Lunch | 12:30 - 1:15 pm

Session **4A**: 1:15 - 3:10 pm 2.0 AIA-HSW, PDH, GBCI CE

Design of LEED Buildings, Using Innovative Energy Modeling and Analysis Tools

Bill Amann, P.E., LEED AP, President, M & E Engineers

Learn about the latest energy-saving techniques and technologies. Examine energy modeling, benchmarking, commissioning, and New Energy Code requirements. Use tri-state area commercial & residential case studies.

295ENE

90009989

Session **5A**: 3:15 - 4:10 pm 1.0 AIA - HSW, PDH, LA CES, GBCI CE

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

Brian Kelly, National Project Design & Specification Manager, Kemper Systems, Inc.

There are now 3 distinct types of sustainable roof solutions: green, blue and white. Learn the relative benefits of each. Understand the standards used as the basis for green roofs and the myriad benefits that can be reaped.

220GRD

90005816

Session **6A**: 4:20 - 5:15 pm 1.0 AIA-HSW, PDH, LA CES, GBCI CE

Mass Segmental Retaining Walls: Theory, Sustainable Design and Construction

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

Examine segmented retaining walls, with regard to their use on LEED projects. See how you can combine segmented retaining walls with a number of other innovative site treatments to create successful LEED projects.

298RET

90010309

Track B

Session **1B**: 8:30 am - 12:30 pm

Commissioning, It's All About the People

Ron Wilkinson, P.E.,

Commissioning Authority, LEED AP, ASHRAE CPMP, GLUMAC

Commissioning empowers the members of the project team, facilitating communication in the early stage of design, which helps provide contractors with the clear direction they need. Commissioning is now mandatory for NYSERDA New Construction projects and required by Local Law 87 for all NYC buildings.

Learn about commissioning from an expert who authored the original commissioning training program for LEED and founded the AIA Committee on the Environment (COTE) Commissioning Advisory Sub-committee. Some key areas that are addressed include: Commissioning, enhanced commissioning, quality assurance, high performance buildings, system operation, the roles of operations + maintenance staff, and the role of the Commissioning Agent/Authority.

4.0 AIA-HSW, PDH, GBCI CE

299COM

90010310

Session **2B**: 1:15 - 5:15 pm

LEED and ASHRAE Commissioning for New and Existing Buildings

Ron Wilkinson, P.E.,

Commissioning Authority, LEED AP, ASHRAE CPMP, GLUMAC

Commissioning is required by LEED NC and is also mandatory for NYSERDA New Construction projects and is required by Local Law 87 for all NYC buildings. Some key areas that are addressed include: Commissioning, enhanced commissioning, quality assurance, the roles of operations + maintenance staff, and the role of the Commissioning Agent/Authority.

4.0 AIA-HSW, PDH

284COM

90009257

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Additional instructions for submitting the Registration Form:
(Because saving it in the browser currently will lose the information, sorry for the inconvenience!)

1. Save the BLANK pdf to your computer.
2. Open the file in Adobe Acrobat Reader or similar program.
3. Fill in the blank fields.
4. Save the file again.
5. Email us the saved file, or print and fax or mail.

OR

You can always just send us an email containing the relevant information.



Registration Form - please see instructions on page above

1a. Choose Your Session

Both Days \$399
 One Day \$219
 Half Day \$149

Both Days \$379
 One Day \$199
 Half Day \$135

Group Rate: (3 from same firm, please include names of participants)

Both Days \$399
 One Day \$219
 Half Day \$149

Both Days \$379
 One Day \$199
 Half Day \$135

1b. Choose Your Classes (optional)

Day 1: 09.18

Track A

Track B

Day 2: 09.19

Track A

Track B

2. Who are you?

Name

Title

Company

Address

City State Zip

Phone

Email

AIA/ASLA No. (if applicable)

GBCI No. (if applicable)

3. Payment Information

Check payable to DPC Continuing Education inc.
 Credit Card
 MasterCard
 Visa
 American Express

Credit Card No. Exp. Date

Name (as it appears on card)

Authorized Signature

Company

Billing Address

City State Zip

4. Send it in!

via fax to: 516-730-5083
 by mail to: 5 Terry Lane., Plainview, New York, 11803
 or email to: info@dpcceinc.com

Or call us at 516-681-0057 with the information on this form available