


FINDING GREEN TREASURES

May 31 - June 3, 2011 • Plaza Resort & Spa
600 North Atlantic Ave • Daytona Beach, FL 32118

Schedule
As of May 2, 2011

Tuesday, May 31

8:30 a.m. to 5 p.m.

FGBC Certifying Agent Annual Verification Course

Room: Granada B

FGBC Certifying Agents can earn ALL of their "annual verification requirements" for maintaining active status by attending this course. Topics include business and marketing basics, educating the client and establishing project goals, energy optimization, green home baseline, moving through the construction process, best practices, and preparing the submittal package. Additional Ticket Required. Cost \$125

Speaker: Dr. Jennifer Languell, President, Trifecta Construction Solutions, Fort Myers, FL

8:30 a.m. to 5 p.m.

ARCSA 100-Level Introduction to Rainwater Harvesting

Room: Granada I

100-Level workshops are one-day introduction courses open to anyone interested in learning more about rainwater harvesting in non-potable applications, such as landscape irrigation. This course will provide an overview of rainwater harvesting history, uses and applicability to conserving rainfall as a natural resource. Concepts and techniques are introduced on harvesting rain for non-potable uses such as landscape irrigation and wildlife management. Demonstrations including rainfall simulations and a simple rainwater harvesting system reinforce the concepts learned. Lunch is provided. Additional ticket Required. Cost \$75

Speaker: Eddie Van Giesen, Policy Coordinator, BRAE Rainwater Technologies, Oakboro, NC

8:30 a.m. to 5 p.m.

ARCSA 200-Level Accredited Professional Workshop (Day 1 of 2)

Room: Granada A

ARCSA's 200-Level "Accredited Professional" Workshops are open to the public and any industry professional interested in pursuing greater understanding of rainwater harvesting. The workshop is required for those seeking ARCSA Accredited Professional (AP) designation. This two-day course provides an in-depth review of rainwater harvesting design and installation; outdoor and in-home rainwater use; sanitation for potable uses; rules, regulations, guidelines and restrictions; business management; project planning; site and installation safety; and system construction and maintenance. The course will follow the Texas A&M University "Rainwater Harvesting Planning" manual, which is included in the cost. This course qualifies for USGBC Continuing Education credits. Lunch is provided. Additional ticket required. Cost \$395

Speaker: Billy Kniffen, Water Resource Specialist, Department of Biological & Agricultural Engineering, Texas A&M University, Menard, TX

Wednesday, June 1

FGBC Committee Meetings are indicated in purple. Education programs are indicated in black

8 a.m. to 8:30 a.m.


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Standards Committee

Chair: Jennifer Languell

Room: Ponce de Leon

8 a.m. to 9 a.m.

Governmental Affairs Committee

Chair: Toby Cline

Room: Granada E

8 a.m. to 9 a.m.

New Member Orientation

Speakers: Angela Amadore, Chair, FGBC Membership Committee; Cindy Hall, President, Florida Green Building Coalition. (Note: FGBC Regional Liaisons are encouraged to participate in this event)

Room: Granada B

8 a.m. to 9:30 a.m.

Local Government Standard Committee

Chair: Cynthia Barber

Room: Granada I

8:30 a.m. to 9:30 a.m.

Hi-Rise Residential Standard Committee

Chair: Brian Bullock

Room: Vista de Sol

8:30 a.m. to 5 p.m.

ARCSA 200-Level Accredited Professional Workshop (Day 2 of 2)

Room: Granada A

ARCSA's 200-Level "Accredited Professional" Workshops are open to the public and any industry professional interested in pursuing greater understanding of rainwater harvesting. The workshop is required for those seeking ARCSA Accredited Professional (AP) designation. This two-day course provides an in-depth review of rainwater harvesting design and installation; outdoor and in-home rainwater use; sanitation for potable uses; rules, regulations, guidelines and restrictions; business management; project planning; site and installation safety; and system construction and maintenance. The course will follow the Texas A&M University "Rainwater Harvesting Planning" manual, which is included in the cost. This course qualifies for USGBC Continuing Education credits. Lunch is provided. Additional ticket required.

Speakers: Billy Kniffen, Water Resource Specialist, Department of Biological & Agricultural Engineering, Texas A&M University, Menard, TX

10 a.m. to 11 a.m.

Nominating Committee

Chair: Rob Vieira

Room: Granada D

10 a.m. to 12 p.m.

Affordable Housing Case Studies: Testing the Theories

Room: Granada B

The panel will be discussing multi-family projects that have been completed, including rehabilitation of existing structures. They will share what was actually done and what it really cost, separating myths from facts.

Speakers: Cathy Byrd, President, Innovative Restorations, Inc., Tampa, FL, Bill Lazar, Executive Director, St. Johns Housing Partnership, St. Augustine, FL


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10 a.m. to 12 p.m.

Commercial Building Standard Committee

Co-Chairs: Frank O'Neil; Jennifer Languell

Room: Vista de Sol

10 a.m. to 12 p.m.

Land Development Standard Committee

Chair: Chris Wrenn

Room: Ponce de Leon

10 a.m. to 12 p.m.

Programs & Promotions/Membership Committees (Joint Meeting)

Chairs: Melissa Baldwin, Programs & Promotions Committee; Angela Amadore, Membership Committee

Room: Granada I

11 a.m. to 12 p.m.

Finance Committee

Chair: Dave Armstrong

Room: Granada E

12 p.m. to 6 p.m.

Exhibitor Set-Up

Room: Plaza Real B-C

1 p.m. to 3:30 p.m.

Local Government Certification Roundtable

Mentors will be on hand to answer your questions about creating sustainable communities and the FGBC Green Local Government certification process. (*Hosted by FGBC Local Government Standard Committee, Cynthia Barber, Chair; Special presentations by: Kurt Easton, AICP, Principal, Urban Networks, LLC; John Porter, Partner, Distributed Energy Solutions, Cape Canaveral, FL; Steven L. Beumer, GreenRide Transportation Benefit, Maitland, FL*)

Room: Vista Del Mar

1:30 p.m. to 2:30 p.m.

GreenTrends Committee

Chair: Eileen Burke

Room: Vista de Sol

1:30 p.m. to 3:30 p.m.

Board of Directors Meeting

Chair: Cindy Hall

Room: Granada I

1:30 p.m. to 3:30 p.m.

Homes Standard Committee

Chair: David Reed

Room: Granada B

1:30 p.m. to 3:30 p.m.

Education/Research & Technical Committees (Joint Meeting)

Chairs: Carol Goodwin, Education Committee; Elie Araj, Research & Technical Committee

Room: Ponce de Leon


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4 p.m. to 5:30 p.m.

FGBC General Membership Annual Meeting, Presentation of 2010 Achievement Awards, & Installation of New Board Members

Room: Plaza Real A

Presiding: Cindy Hall, FGBC President

5:30 p.m. to 7 p.m.

Pirates Reception

Room: Vista Del Mar & Outside Patio

Thursday, June 2

(All education sessions will be held in Plaza Real A)

7:30 a.m. to 5 p.m.

Registration

Room: Grande Colonnade

7:30 a.m. to 8:30 a.m.

Eye-Opener Continental Breakfast

Room: Plaza Real A

Take advantage of this networking opportunity to develop new relationships.

8:30 a.m. to 10 a.m.

Keynote: Steve Easley - The '411' on Cost Effective Techniques for Green Building *Room: Plaza Real A*

This colorful tour sorts out the facts and fiction regarding green building. It identifies the difference between green products and "green washed products." Steve will help you identify ways to affordably "green" your projects for the biggest bang for your buck. The course is the '411' to give you the knowledge to build truly high-performance homes that are durable, safe, healthy, energy efficient and comfortable to live in. The mind set of this class is "The greenest building you can build is the one you don't have to rebuild."

Speaker: Steve Easley, Principal, Steve Easley & Associates, Danville, CA

10 a.m. to 7 p.m.

Exhibits Open

Room: Plaza Real B-C

10 a.m. to 10:30 a.m.

Coffeebreak in Exhibit Hall

Room: Plaza Real B-C

10:30 a.m. to 12 p.m.

Optimizing Commercial Buildings Performance

Room: Plaza Real A

Get an inside view of US EPA's Portfolio Manager. Portfolio Manager is an interactive energy management tool that allows you to track and assess energy and water consumption across your entire portfolio of buildings in a secure online environment. Whether you own, manage, or hold properties for investment, Portfolio Manager can help you set investment priorities, identify under-performing buildings, verify efficiency improvements, and receive EPA recognition for superior energy performance. Part 2 of this program will showcase the newest version of the Florida Green Building Coalition Green Commercial Building Certification Standard.


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Speakers: Danny Orlando, Region 4 Energy Star Program Manager, US Environmental Protection Agency, Atlanta, GA; Dr. Jennifer Languell, President, Trifecta Construction Solutions, Fort Myers, FL

12 p.m. to 1 p.m.

Lunch in the Exhibit Hall

Room: Plaza Real B-C

1 p.m. to 1:30 p.m.

Alternative Roofing Options

Room: Plaza Real A

Speakers: Dr. Moncef Nehdi, President, Nehdi Concrete Solutions, Inc., London, Ontario, Canada; Michael J. Gerace, President, Enviro Roof Repair, Inc., Charleston, SC

1:30 p.m. to 2:30 p.m.

Achieving WaterStar - Case Studies

Room: Plaza Real A

With 175 homes now certified under the Florida Water Star residential criteria, it is time to take a critical look at what it really takes to achieve that gold or silver certification. Florida Water StarSM administration staff has invited two professionals to assist in profiling their recent certification experiences. They will share the details and costs of the innovations needed to meet various criteria. Hurdles or challenges will be documented and well as performance data. The case studies, case study # 1 - an infill home built to showcase green building at the International Builders Show in Orlando and case study # 2 a mid-sized home that is part of a large retirement community in Marion County. Come with questions and we will do our best to send you home with practical informed knowledge.

Speakers: Deirdre Irwin, Florida WaterStar Coordinator, St. Johns River Water Management District, Palatka, FL; Susan Douglas, Florida WaterStar Coordinator, Southwest Florida Water Management District, Brooksville, FL; Judy Benson, President, Clear Water PSI, Wint

2:30 p.m. to 3 p.m.

Refreshment Break in the Exhibit Hall

Room: Plaza Real B-C

3 p.m. to 4 p.m.

Energy Star New Homes Version 3 - What to Expect

Room: Plaza Real A

Starting January 2012, it's a whole new game with Energy Star when Version 3 goes into effect. Homes built to the new ENERGY STAR Version 3 guidelines will be at least 20% more energy efficient than homes built to the 2009 International Energy Conservation Code (IECC). The Version 3 performance path has been significantly changed. In addition to the baseline requirements, there are new checklists with detailed mandatory requirements for Thermal Enclosures, HVAC Quality Installation, and Water Management. This presentation will explain the rationale behind the new guidelines, highlight and explain the added value of the major changes, and introduce the ENERGY STAR Concept Home for leading-edge builders. This is a "don't miss" session for builders, energy raters and FGBC Certifying Agents.

Speakers: Danny Orlando, Region 4 Energy Star Program Manager, US Environmental Protection Agency, Atlanta, GA

4 p.m. to 5 p.m.

Salvaging Treasures - Green Residential Retrofits

Room: Plaza Real A



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Residential remodeling is expected to generate \$300 billion in business in 2011. So, how do you get your part of that pie? By learning some of the secrets of the industry's best green building specialists. This session will review practices that keep historic buildings historic while going green, how to help homeowners understand the value of an FGBC renovation certification, and the strategies to employ when taking an affordable housing project green. You'll gain a "fortune" in know-how from these "in the field experts.

Speakers: Dr. Jennifer Languell, President, Trifecta Construction Solutions, Fort Myers, FL; Jed Regante, Key West, FL; Jane Conn, Principal, ES Green & Company, Tallahassee, FL; Bill Lazar, Executive Director, St. Johns Housing Partnership, St. Augustine, FL

5:30 p.m. to 7 p.m.

Ship-Wrecked Reception - Green Groups Networking in Exhibit Hall *Room: Plaza Real B-C*
Ahoy mates. Dress in you best pirate or gypsy outfit, face paints and tattoos for our fun-filled cocktail party. Search for treasures among the exhibits and discover priceless jewels as you meet new friends and develop business relationships. Area green groups will join us for the evening, so this is a great opportunity to recruit new FGBC members. Finalists of the Sustainable Florida 'Best Practice Awards' will also join us, so let's give them all a special welcome and congratulations.

7 p.m. to 9 p.m.

Sustainable Florida Best Practices Awards Banquet *Room: Vista Del Mar*
The Best Practices Awards recognize businesses, governments, community groups, and individuals that demonstrate outstanding achievements and excellence in sustainability and encourages widespread replication of these successes. The annual awards program identifies best management practices that support both a healthy environment and a healthy economy. Come honor this year's winners and learn from the best how YOU can make a difference! Additional Ticket Required. Cost \$45

Friday, June 3

7:30 a.m. to 12 p.m.

Registration

Room: Grande Colonnade

7:30 a.m. to 12 p.m.

Exhibits Open

Room: Plaza Real B-C

7:30 a.m. to 8 a.m.

Continental Breakfast in Exhibit Hall

Room: Plaza Real B-C

8 a.m. to 8:45 a.m.

How a Waste Assessment Can Green Your Building Operation

Room: Plaza Real A

Using recent real life case studies, this program will provide a comprehensive overview of the waste assessment process, including its purpose and benefits, and the steps necessary to plan and implement a successful waste assessment. Attendees will learn how a waste assessment contributes to green building and more cost effective building operation. Discussion will include the benefits of waste reduction and environmental purchasing practices, design and use considerations, and special needs management.

Speakers: Miriam Zimms, LEED AP, Senior Consultant, Kessler Consulting, Tampa, FL; Cynthia Barber, Director, Environmental Policy and Energy Resources Department, City of Tallahassee, Tallahassee, FL

8:45 a.m. to 9:30 a.m.

Residential Property Management Driving Energy Efficiency and Sustainability: From Benchmarking to Retrofits and Beyond

Room: Plaza Real A

Learn how a leading property management firm is addressing the challenge of improving the sustainability of existing residential buildings and communities. The session will explore the 4E's approach: evaluate, educate, engage, and execute that FirstService Residential is currently implementing to drive energy-efficiency in over 450 managed high-rise buildings in NYC currently benchmarked and several hundred Florida mid- to high-rises underway. Beyond energy, we will share how we are piloting the application of existing green rating systems in combination with a number of potential sustainability performance metrics to evaluate master-planned communities and educate their HOA Boards and residents.

Speaker: Devesh Nirmul, CSDP, CEM, LEED AP, Director of Energy & Sustainable Solutions, FirstService Residential Management, Dania Beach, FL

9:30 a.m. to 10 a.m.

Refreshment Break in the Exhibit Hall

Room: Plaza Real B-C

10 a.m. to 11: a.m.

Best Practices for Achieving Energy Efficiency

Room: Plaza Real A

This presentation looks at four important energy efficient concepts, explores why they are important, and the practical steps for integration into the building process.. It uses many real case examples of how other builders have achieved the efficiency methods, as well as, mistakes made along the way and how to avoid them. Topics include cool roof options, interior ductwork, HVAC sizing mistakes and how to spot them, and radiant barrier installation.

Speakers: Robin Vieira, Director of Buildings Research, and Stephanie Thomas-Rees, Research Architect, Florida Solar Energy Center, Cocoa, FL

11 a.m. to 12 p.m.

Redevelopment as a Tool for Green Cities

Room: Plaza Real A

Recycling urban land through redevelopment is helping cities address environmental problems while preparing for a future that will rely more on alternative energy sources. From brownfield decontamination to stormwater management and building design principles, urban redevelopment provides an effective tool for local government in partnership with the private sector to fund costly infrastructure improvements. The first part of this session will examine these issues and provide a case study from the City of Titusville. Retrofitting our cities to be more energy efficient and capable of using energy from alternative sources will be a redevelopment challenge in the near future as rising fuel costs inspire new investment in alternative technologies. The second part of this session will provide an overview of the economics driving alternative energy research including a discussion concerning the efforts of the Space Coast Energy Consortium promoting public and private investment toward research, technology transfer, manufacturing and distribution of alternative sources of energy.



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Speakers: Kurt Easton, AICP, Principal, Urban Networks, LLC, Cocoa Beach, FL; John Porter, Partner, Distributed Energy Solutions, Cape Canaveral, FL

12 p.m. to 2 p.m.

Beauty & the Beasts - Finding Natural Alternatives for Cosmetics *Room: Vista Del Mar*

During the course of the day a woman uses an average of 14 different products on her skin and hair. Considering the skin absorbs 60% of the product applied, it's time to start looking at those tiny lists of toxic ingredients. Studies are finding many of these ingredients to be carcinogens, endocrine disruptors, and just plain poisonous. Learn what ingredients to look out for and let product vendors show you natural alternatives. This delightful event includes a complimentary light lunch, champagne, and mimosas. Additional ticket required.

Speakers: Christina Regante, Principal, Eco-Nomic Solutions, LLC, Key West, FL; Amelia Dempere, PhD; University of Florida, Gainesville, FL; Dr. Jennifer Languell, President, Trifecta Construction Solutions, Fort Myers, FL