



HalfMoon LLC  
PO Box 268  
Eau Claire, WI 54702-0268  
www.halfmoonseminars.com



PRESORTED  
STANDARD  
U.S. POSTAGE PAID  
EAU CLAIRE, WI  
PERMIT NO. 2016

## 5 REASONS... You Won't Want To Miss This Seminar!

1. You'll learn about the cost benefits of green building retrofitting.
2. You'll learn about green landscaping and irrigation methodologies.
3. You'll be familiarized with renewable energy opportunities and incentives in Hawaii.
4. You'll learn how to improve building envelopes.
5. You'll review case studies of green building retrofits.



6.0 CE Hours for Hawaii Architects  
6.0 AIA SD/HSW Learning Units  
0.6 CSI HSW CEUs  
6.0 CE Hours for Engineers  
(See inside for details)

**Honolulu, HI**  
**Friday, January 22, 2010**

# Green Building Retrofitting: Considerations for Residential and Small Commercial Buildings

*A practical, one-day seminar for architects, engineers, and contractors where you'll:*

- ▶ **Analyze** the “bones” of a building
- ▶ **Learn** where to find renewable, recycled, and local building materials
- ▶ **Explore** applications for exterior and interior finishes
- ▶ **Evaluate** the options for energy efficient cooling and learn about the rebates
- ▶ **Explore** renewable energy opportunities
- ▶ **Review** actual case studies of retrofits



## Seminar Agenda

### Green Building Retrofitting: Is it Worth it?

L. Ayers,  
M. Ayers

- ▶ Owner vs. developer
- ▶ The “bones” of a building
- ▶ Cost/benefit
- ▶ Post-occupancy operation
- ▶ Existing vs. new: what is the right thing to do?
- ▶ If you must demo... reuse

### Greening the Exterior

M. Ayers

- ▶ Exterior finishes
- ▶ Roofing techniques and materials
- ▶ Outdoor lighting

### Green Landscaping Case Studies

J. Umemoto

- ▶ Native and drought-resistant plants
- ▶ Irrigation methodologies
- ▶ Local green roof update
- ▶ Sitework
- ▶ Rainwater harvesting

### Improving Indoor Environmental Quality

L. Ayers

- ▶ Minimizing exposure to volatile organic compounds (VOCs)
- ▶ Renewable, recycled, or salvaged materials
- ▶ Local materials

### Energy and Water Conservation, Renewable Energy, and Greening your Operations and Management

M. Duda,  
C. Sawai, D. Sonoda,  
G. Suzuki-Jones

- ▶ Hawaii Energy Efficiency Program
- ▶ Hawaii Energy
  - HECO, MECO, HELCO rebate program
- ▶ Renewable energy opportunities and incentives in Hawaii
- ▶ Water conserving fixtures and techniques
- ▶ Hawaii Green Business Program

### Options for Energy Efficient Cooling and Rebates

S. Inatsuka,  
D. Masai

- ▶ Improving the building envelope
  - Insulating, glazing, external shading, internal shading
- ▶ To A/C or not to A/C, that is the question
- ▶ Passive comfort techniques
- ▶ HVAC options
  - Residential split and central A/C
  - Small commercial systems
- ▶ Effective HVAC control
- ▶ State and federal incentives

### Case Studies:

L. Ayers

- ▶ Pauley Laboratory & YWCA Laniakea-Form vs. Function
- ▶ 40 South School Street-New Life for an Old Building
- ▶ The Nature Conservancy-An Owner's Perspective with Melek Yalcintas

M. Ayers

# Seminar Faculty

**Laura Ayers**, AIA, LEED AP®, is an associate and project architect at Philip K. White & Associates in Honolulu. Ms. Ayers has been involved in several green projects including green renovations which have earned LEED certifications. She is an active member of the AIA Committee for the Environment.

**Mark Ayers**, AIA, LEED AP, is a project architect and designer for the nationally recognized architectural firm, Ferraro Choi and Associates (FCA) in Honolulu, who has more than 12 years of experience in sustainably designed buildings. Mr. Ayers has been a designer for multiple local green projects. He is co-chair of the AIA Honolulu's Committee on the Environment and an active member of the US Green Building Council's Green Schools Committee.

**Jason Umemoto**, ASLA, CLARB, is a principal and co-founder of Umemoto Cassandro Design Corp., a landscape architecture and master planning firm in Honolulu. Mr. Umemoto has been involved with a diverse range of projects including custom residential, campus planning, commercial, retail, and resort projects. His focus has always been to create participatory landscapes that are conservation oriented.

**Mark Duda** is the President of Hawaii Solar Energy Association and principal of Distributed Energy Partners in Honolulu. Mr. Duda serves as a board member of the Hawaii PV Coalition and a co-chair of the Renewable Energy Working Group of the Hawaii Energy Policy Forum. He is a participant in various legislative and regulatory efforts to expand the supply of renewable energy in Hawaii.

**Carolyn "Cat" Sawai**, PE., is the internal conservation program coordinator for Honolulu Board of Water Supply, Water Resources Division. Ms. Sawai is a graduate of the University of Hawaii at Manoa, College of Engineering. She is a civil engineer for the Honolulu Board of Water Supply's Water Resources Division.

**Derrick Sonoda** is the Director of Operations for the Hawaii Energy Efficiency Program in Honolulu. The Hawaii Energy Efficiency Program is tasked with developing and implementing programs that encourage energy efficiency and conservation on the islands of Hawaii, Maui, Molokai, Lanai, and Oahu.

**Gail Suzuki-Jones**, energy analyst and LEED accredited professional, works with the Strategic Industries Division at the State of Hawaii's Department of Business, Economic Development and Tourism in Honolulu. She has co-chaired the Honolulu Chapter of the American Institute of Architecture's Committee on the Environment (AIA COTE) and is an active member of the USGBC of Hawaii's Education and Schools Committees.

**Scott Inatsuka** is the president of WSP Lincolne Scott Inc. Mr. Inatsuka has led the office to commercial and technical successes including international recognition of WSP Lincolne Scott Hawaii's work. His current passion is low-energy and passive design, confirmed by building performance simulation. Mr. Inatsuka is actively involved with the Hawaii Chapter of the USGBC.

**Dean Masai** is an energy analyst in the Strategic Industries (Energy) Division of the State of Hawaii Department of Business, Economic Development & Tourism. He recently earned the certified green professional designation from the National Association of Home Builders. Mr. Masai manages energy efficient building guideline programs for residential and commercial buildings and manages federal energy grants.

# Additional Information

▶ **Tuition:** \$199.00 for one, or \$179.00 each for 3 or more from the same company or firm registering at the same time. Please make check payable to **HalfMoon LLC**. Each registration includes one copy of *Green Building Retrofitting: Considerations for Residential and Small Commercial Buildings*. **Pre-registration is recommended.** *Walk-in registrations will be accepted at the program if space is available.*

▶ **Send Registrations to:** HMS, P.O. Box 268, Eau Claire, WI 54702-0268. You may also register via fax at 715-835-6066, over the phone at 715-835-5900, or online at [www.halfmoonseminars.com](http://www.halfmoonseminars.com). **We do not send confirmations.** You will be contacted if any scheduling changes occur.

▶ **Date:** **Friday, January 22, 2010**

▶ **Location:** Ala Moana Hotel • (808) 955-4811  
410 Atkinson Drive  
Honolulu, HI 96814  
*(Call the Ala Moana Hotel or HalfMoon LLC for directions)*

▶ **Schedule:**

Registration	7:45 - 8:15 a.m.
Morning Session	8:15 - 11:45 a.m.
Lunch	11:45 a.m. - 12:45 p.m. <i>(On your own)</i>
Afternoon Session	12:45 - 3:45 p.m.

▶ **Continuing Education Credit:** This program is designed to qualify for 6.0 continuing education hours for Hawaii architects. The Hawaii Division of Professional Licensing does not pre-approve continuing education activities, but it holds final authority over the hours claimed by its licensees. This program is registered with the American Institute of Architects Continuing Education System for 6.0 Sustainable Design HSW Learning Units. It is also registered with the Construction Specifications Institute Construction Education Network for .6 HSW Continuing Education Units. This program will meet the continuing education requirements for architects and professional engineers in most states of licensure. Please refer to specific state rules to determine eligibility, or contact HalfMoon LLC for assistance. *You may email inquiries to [doug@halfmoonseminars.com](mailto:doug@halfmoonseminars.com) or call HalfMoon at 715-835-5900.*

▶ **Cancellations:** If your schedule changes and you contact us **at least 48 hours** before the start of the seminar (CST), we will offer you a full tuition refund, minus a \$10.00 service charge for each registrant. If you contact us after that time, we will offer you a credit toward another seminar, or a credit toward the CD/manual package. *If you desire, you may send another person to take your place at the seminar.*

▶ **CD/Manual Package:** A full audio recording of this seminar is available for \$209.00, which includes shipping and handling. Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

## **GREEN BUILDING RETROFITTING: Considerations for Residential and Small Commercial Buildings** **Friday, January 22, 2010 — Honolulu, HI • Ala Moana Hotel, 410 Atkinson Drive**

1.  **Yes**, I will attend - Honolulu, HI - Friday, January 22, 2010 \$199.00 for a single registrant or \$179.00 each for 3 or more from the same firm registering at the same time.  
(Manual Included)

**No**, I am not attending. Please send me:

**CD/Manual Package** - \$209.00

Prices shown include shipping and handling. Product will ship UPS; please include a physical address not PO Box.

2. **Please complete for each registrant:**

*(Attach duplicate forms if necessary.)*

Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Company/Firm: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone where we can reach you: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

3. **I am making payment by:**

Check payable to HalfMoon LLC  
(\_\_\_\_ Yes, I was pre-registered by phone or fax.)

MC  VISA  AmEx  Discover

Card No: \_\_\_\_\_ Expires: \_\_\_\_\_

Cardholder Name: \_\_\_\_\_

Signature: \_\_\_\_\_

E-mail Address *(for credit card receipt and program changes only):* \_\_\_\_\_

4. **Detach entire panel and send via fax to 715-835-6066 or by mail to HMS, PO Box 268, Eau Claire, WI 54702-0268.**

**I need special accommodations. Please contact me.**

**Program #10003**

*Thank you*