Third Annual Hawaii Clean Energy Day

“Investing in Hawaii’s clean energy future: people and money”

Hawaii Clean Energy Day III will be held 1 to 6 p.m., Friday July 8, 2011 at the Laniakea YWCA on Richards Street. Registration is $25 per participant or $20 per person for three or more participants from the same organization and includes refreshments. Registration is available online at: https://www.uhbooks.hawaii.edu/conference/hced.asp.

Jay Fidell of ThinkTech Hawaii will moderate. Discussions will take place in Fuller Hall and exhibitors will fill the courtyard. For registered participants, a Hawaiian Electric Nissan Leaf (all electric vehicle) will be available for test drives.

Panel one, “Do we have the jobs and workers for clean energy?” will include moderator Dwight Takamine, director, Department of Labor & Industrial Relations, and Jeff Matsu, chief researcher, DLIR Green Jobs Initiative; Darren Kimura, CEO & president, Sopogy/Energy Industries Holdings; David Lovelace, training director, Hawai‘i Electricians Joint Apprenticeship Committee and Scott Murakami, workforce development director, UH Community Colleges.

Panel two, “How do we attract more capital and financing?” will include moderator Richard Lim, director, Department of Business, Economic Development & Tourism; and Karl Fooks, president, Hawai‘i Strategic Development Corporation; Jae Kwak, managing member, Current Capital & Consulting; Dawn Lippert, project manager, Hawai‘i Renewable Energy Development Venture; and Michael Pfeffer, managing partner, Kolohala Ventures.

Panel three, “Is the government doing enough to advance clean energy?” includes moderator, Jeff Mikulina, executive director, Blue Planet Foundation; and Representative Denny Coffman, chair, House Committee on Energy & Environmental Protection; Senator Mike Gabbard, chair, Senate Committee on Energy & Environment; Hermina Morita, chair, Public Utilities Commission; and Estrella Seese, acting energy administrator, DBEDT.

The Pau Hana Power Party will follow the sessions in the YWCA Courtyard —-welcoming you with pupu and drink while you network with session presenters and other energy stakeholders and exhibitors.

The event is sponsored by the Hawaii Energy Policy Forum, Workforce Development Council, Department of Business, Economic Development & Tourism, Hawaiian Electric Company, Blue Planet Foundation, and ThinkTech Hawaii.

Fifth Consecutive Quarter of Moderate Construction Cost Inflation Reported

Research from global property and construction consultant, Rider Levett Bucknall, reports a small uptick in quarterly construction cost escalation. Second quarter 2011 saw inflation in national average construction bid prices by 0.5%. While the increase is nominal, this marks the fifth consecutive quarter that construction costs have climbed slightly, indicating further stabilization of the battered construction markets.

“There is a feeling in the air that the construction industry is recovering from the recession, albeit slowly and timidly,” stated Tony Smith, Rider Levett Bucknall Executive Vice President and nationally recognized speaker on construction trends. “We share this feeling.”

National Construction Cost Index

For the first time since October 2008, all of the 11 locations where Rider Levett Bucknall collects construction cost data reported positive inflation for the period. Honolulu, New York, Phoenix and Seattle experienced the greatest quarterly increases – between 0.5% and 1.0%.

The bid market in Hawaii remains active and competitive, supporting the expectation for slight increases in construction activity over the next quarter. A negative factor for the next year or two is the impact of SB 754, and its expected addition of 2-4% to the cost of construction. It would not be surprising to see a push to get projects under contract prior to the July 1st implementation of SB 754, and then there is concern that some projects currently in the pipeline may be delayed until the expiration of SB 754 in two years time.

“Yet the good news is shaded by some clouds,” added Smith. “Cost pressures, seemingly dormant, continue to lurk.”

Headline topics continue to be the high price of oil and commodities, while a weak U.S. dollar is making imported products ever more expensive. According to Smith, “each of these cost impacts must eventually be passed on.” “The good news is that there now seems to be more good news than bad, and the construction industry is continuing in its long, slow recovery.”

Quarterly Construction Cost Report

Rider Levett Bucknall reports on the comparative cost of construction in 11 U.S. cities on a quarterly basis, indexing them to show how costs are changing in each city in particular, and against the costs in the other ten locations. Together with additional international and national cost compendia, the cost research is meant to equip clients with complete and relevant information to assist in key business decisions.

To download the latest version of the Construction Cost Report, or to view past issues, visit http://rlb.com/index.php/usa-and-canada/research.

About Rider Levett Bucknall

Rider Levett Bucknall is an award-winning international firm known for providing property and construction consultancy advice at all stages of the construction cycle. Many of its employees are members of the Association for the Advancement of Cost Engineering.
PCEA CONFERENCE DATES ANNOUNCED


- What: Themed “Pu-pu-ka-hi i Holomua” or Unite in Order to Progress, the 2011 PCEA Conference will feature more than 40 exhibits and 20 workshops addressing renewable technology and initiatives, energy sustainability, energy policy, clean technology development, power quality, energy efficiency and more.
- Who: PCEA brings together leaders from the state’s electric utilities, government, facility/operators managers, professional design consultants, commercial and residential real estate developers and others in related industries to share and address industry concerns and explore technical and economic trends.
- When: August 31 – September 2, 2011
- Cost: $395 - early bird registration ($ends July 6, 2011) $475 - general registration $900 - exhibitor (includes one 8’x10’ booth and one conference registration)

More info: hecosvp@heco.com

charge of the competition helping to ensure that the competition is held each year and that the memory of Francis Montgomery would live on. Grogan’s leadership will be missed.

P.E. Refresher Course: At the time of this meeting, Raymond Liu announced that only four students have shown interest in participating in the course. The goal was to have at least 10. This being the case, the formal course will not be conducted. Liu plan to lead and conduct informal study sessions to help prepare the Mechanical Engineers to pass the exam.

Hawaii Undersea Research Lab (HURL) tour: Dr. Joseph Van Ryzin suggested asking the Marine Technology Society Hawaii if we can join them at their annual “Evening at the Pier” at HURL. The evening would include tour of the HURL submarines and a social afterwards. Spouses would be included. Van Ryzin will approach Marine Technology Society Hawaii for joint meeting/tour.

Featured Speaker of the evening: Dr. Joseph Van Ryzin, Vice President and Senior Ocean Engineer of Makai Ocean engineering, on Ocean Thermal Energy Conversion (OTEC). He spoke on the history, the technology, the challenges, and the current projects of OTEC.

---

Treasurer: Marjorie Pearson
Vice-Chair: Chris Russell
Section Chair: John Camery

2010-2011 BOARD
Executive Committee (Officers)
President: Michael Chang
Pres-elect: Paul Scott
Vice Pres: Kevin Saito, P.E.
Secretary: Barry Jim On, P.E.
Treasurer: Paul Fukunaga, P.E.

Board of Governors (Members)
Albert Hahn, P.E. (Immediate Past Pres)
Blake Araki, P.E.
Donna Kishi, P.E.
Melvak Yalcintas, PhD, P.E.
Scott La Beau
William Lee, P.E.

Standing Committee (Chairpersons)
Attendance & Reception: John Lau
Chapter Technology Transfer: Paul Scott
Chapter Programs: Blake Araki, P.E.
Governmental Affairs: Barry Jim On, P.E.
Refrigeration: Scott La Beau
Technology: Herman Siu
Energy Awards: William Lee, P.E.
Historical: Joseph K. Ting, P.E.
Membership Promotions: Roland Suzuki
Newsletter Editor: Kevin Saito, P.E.
Research Promotions: Archibald Makatini
Product Show: Donna Kishi
Technical Seminar: Melvak Yalcintas, PhD, P.E.
Student Activities: Alyana Shima
Young Engineers of ASHRAE (YEA): Brandon Maeda
Webmaster: Mark Yamamoto, P.E.
2010-2011 Honolulu Post Officers

President: Col Mark Bednar, USAF
VP, Programs: Bryan Zachmeier, USAF (Ret).
VP, Sust. Member: Will Boudreaux, PE, USN (Ret)
VP, Membership: Jerry Matsuda, PE, USAF (Ret).
Secretary: Capt David Stringer, USAF
Treasurer: LCDR Jorge Cuadros, PE, USN
Dir at Lrge, Army: COL Ed Kerlis, USA
Dir at Lrge, Navy: CAPT Paul Fulgini, USN
Dir at Lrge, Air Force: Col Karl Bosworth, USAF
Dir at Lrge, Civilian: Todd Barnes, PE, USA (Ret).

Our Honolulu Post 2011-2012 election process has been completed, and our slate of officers has been selected. They are:

President: Col Mark Bednar, Air Force
First VP – Programs: Bryan Zachmeier, AMEC
Second VP – Corporate Membership: Will Boudreaux, Forest City
Third VP – Membership: Jerry Matsuda, ECOM
Secretary: Capt David Stringer, Air Force
Treasurer: Lt Aaron T. Allison, Navy

Congratulations to our new and continuing officers and Mahalo to everyone who participated in our first-ever online voting process.

At our June 14 lunch meeting, attendees heard from Steven Baldridge, president of Baldridge & Associates Structural Engineers, on the role of the U.S. military and civilian DoD engineers in disaster relief efforts following the January 2010 earthquake in Haiti. Special recognition was also given to Michael Sana, a science teacher at Waipahu High School who received SAME Honolulu’s 2011 Hawaii Science Fair Outstanding Teacher Award. Also in attendance was Danten Inouye, a Waipahu High School student who was a winner at this year’s Hawaii Science Fair.

Our Honolulu Post 2011-2012 election process has been completed, and our slate of officers has been selected. They are:

President: Col Mark Bednar, Air Force
First VP – Programs: Bryan Zachmeier, AMEC
Second VP – Corporate Membership: Will Boudreaux, Forest City
Third VP – Membership: Jerry Matsuda, ECOM
Secretary: Capt David Stringer, Air Force
Treasurer: Lt Aaron T. Allison, Navy

Congratulations to our new and continuing officers and Mahalo to everyone who participated in our first-ever online voting process.

On June 28, 2011, HSPE had its State Installation Luncheon in Kona, in conjunction with the HSPE Kona-Kohala Chapter installation. Special thanks to Kevin Murar, Marc Botticelli, and the Kona-Kohala Chapter for allowing the State Board to have the combined event. The new State Officers are:

President: Kurt Kunimune
President Elect: Joelle Dubois
Vice President: Julie Herr
Secretary: Rena Chock
Treasurer: Ruthsenne Gagarin

On June 28, 2011, HSPE had its State Installation Luncheon in Kona, in conjunction with the HSPE Kona-Kohala Chapter installation. Special thanks to Kevin Murar, Marc Botticelli, and the Kona-Kohala Chapter for allowing the State Board to have the combined event. The new State Officers are:

President: Kurt Kunimune
President Elect: Joelle Dubois
Vice President: Julie Herr
Secretary: Rena Chock
Treasurer: Ruthsenne Gagarin

Please mark your calendars for September 16 (Friday), 2011 for the HSPE golf tournament, which will be held at the Waiehu Golf Club. The HSPE Educational Foundation golf tournament is the primary fund raising event for the Hawaii Chapter and State Mathcounts competitions, held in February and March, respectively, each year. The money raised from the tournament is used to help put on the Chapter and State competitions, and to help fund the travel expenses for the Neighbor Island students to the State competition. HSPE will be sending out notices on the golf tournament in the near future. If you have a scheduling conflict and cannot play, monetary donations and/or volunteer help for the golf tournament and/or Mathcounts will be greatly appreciated.

Mahalo.

Steven Baldridge speaks to the attendees at the June 14 lunch meeting about the military’s response to the January 2010 Haiti earthquake.

SAME Honolulu Post Education Chair Iris Terashima, Waipahu High School student Danten Inouye, Waipahu High School science teacher Michael Sana, and SAME Honolulu Post 3rd Vice President Jerry Matsuda pose for a photo at the June 14 lunch meeting.
2011 ASCE MEMBERSHIP RENEWAL
Have you renewed your 2011 ASCE membership? ASCE dues were due on December 31, 2010, which means if you haven’t renewed your 2011 membership, you run the risk of losing your valuable ASCE benefits, such as membership in your local ASCE Section or Branch. Plus, 2011 has the potential to be a significant year for ASCE and civil engineers. The Obama administration has continued to tap ASCE to play a leading role in infrastructure renewal at the forefront of domestic issues. Take pride in your role in educating the public and policy leaders about the importance of infrastructure to our nation’s safety and economic security. And remember the fight to renew our nation’s infrastructure by renewing your 2011 ASCE membership. You can renew your ASCE and Section/Branch membership today by going to http://www.asce.org. If you have any questions, please contact Florence Ching at 472-1172, or fching@ascehawaii.org.

CONTINUING EDUCATION
ASCE National holds more than 275 seminars and computer workshops each year on a wide variety of technical, management, and regulatory topics. These seminars are held in more than 45 cities across the U.S. In addition, ASCE offers custom corporate training and many distance learning programs, including live interactive web/teleconference seminars, online courses and courses on CD, videotape, and audiotape. Please visit www.asce.org/cont-ed/for complete details.

ASCE HAWAII SECTION STUDENT SCHOLARSHIPS
Please help us increase our scholarship endowment so that we can recognize deserving students. We continue to accept tax-deductible donations with the goal of increasing the annual scholarships. Make your check payable to ‘ASCE Hawaii Section’ and mail to: ASCE Scholarship Committee, P.O. Box 917, Honolulu, HI 96808. If you have any questions, please contact Jeff Kalani at 754-5501, or Jeff@yogikwong.com.

ASCE JOB LISTINGS
For information on how to advertise job openings in your company on the ASCE Hawaii Section website, please visit http://www.ascehawaii.org/jobs.htm.

ASCE HAWAII SECTION’S WEBSITE LIST – SIGN-UP AND/OR UPDATE
If you would like to receive e-mail notices of upcoming meetings or activities, please sign-up for the ASCE Hawaii Section’s website list at http://www.ascehawaii.org/emailform.html. You may also update your email address on that same webpage. Please consider helping the Hawaii Section reduce operating costs by receiving your monthly issue of Wiliki via email.

EXECUTIVE COMMITTEE MEETING
Last held: June 8, 2011
Next meeting: July 6, 2011

ASCE HAWAII SECTION SCHOLARSHIP GOLF TOURNAMENT IN HONOR OF STEVE FONG
ASCE Hawaii Section will be having our annual scholarship golf tournament on Friday, July 29th, at Pearl Country Club Golf Course. Scholarship funds that are raised will be donated to the ASCE Student Chapter, which will assist in their efforts to raise awareness and engage more students into the engineering profession. The ASCE Hawaii Section proudly looks forward to hosting this worthwhile fundraising tournament for our future engineers. Early bird registration ends May 31 and the last day for regular registration is July 15. Visit www.ascehawaii.org to download a golf tournament registration form. Hope to see you there!

2010-2011 OFFICERS
Office Name Phone Email
President Roger Babcock 956-7298 rog@mkellc.com
Pres-Elect Dawn Barsana-Szewczyk 943-1133 dawn.barsana@chn2m.com
V-Pres Ian Arakaki 596-7790 email: ian@tclg.hawaii.com
Secretary Brian Enomoto 386-5559 email: benomoto@ascehawaii.org
Treasurer Glenn Miyasato 596-2928 email: jeff@yogikwong.com

July Dinner Meeting
Program: Hydraulics Technical Committee
Topic: Advantages of Hydraulic Modeling: Case Studies of City Projects
Speaker: Jason Nikaio, State of Hawaii Department of Budget and Accounting
Program: Hydraulic modeling can be a valuable tool in the planning and design of wastewater collection facilities with the capability to explore many alternatives, refine design and operations, provide administrative support, and lower construction costs. This presentation will demonstrate the use of hydraulic modeling on several City wastewater projects and discuss the impacts that resulted.
Date: Thursday, July 21, 2011
Location: Treetops at Paradise Park, Manoa Valley
Time: 5:30 p.m. - Social Time
6:30 p.m. - Dinner
7:00 p.m. - Program
8:45 p.m. - Adjourn
Menu: Multi-entree buffet
Cost: $25.00 for ASCE Hawaii Section members
$28.00 for Non-ASCE Hawaii Section members and Guests
$11.00 for UH Manoa Student
$11.00 for UH Manoa Student
Chapter membership
Please make checks payable to ASCE-Hawaii Section and mail to Glenn Miyasato, ASCE Treasurer, MKE Associates, LLC, 99-205 Moanalua Road, Suite 205, Aiea, Hawaii 96701 postmarked by Friday, July 15, 2011. Reservations for the dinner meeting to Glenn Miyasato by Monday, July 18, 2011, by phone at 488-7579 ext 3 or email at glenn@mkellc.com.

Executive Committee Meeting
Last held: June 8, 2011
Next meeting: July 6, 2011

2010-2011 YMF Officers
President: Eric Arakawa 956-6300 email: eaarakawa@ascehawaiiymf.org
V-Pres: Carmen Carino 956-8554 email: ccarino@ascehawaiiymf.org
Secretary: Jason Sugiyabashi 721-3117 email: sugiyabashi@ascehawaiiymf.org
Treasurer: La‘ia Karamatsu 694-3213 email: lkaramatsu@ascehawaiiymf.org
Past President: Troy Ching 697-6233 email: tching@ascehawaii.org

Know Your ASCE History
EX LIBRIS
By C. S. Papacostas
“...”
STATE-OF-THE-ART MANUFACTURING
TO FULFILL YOUR NEEDS

Our new state-of-the-art plant maintains Tileco’s position as the State’s leading concrete block manufacturer.

www.tilecoinc.com    ph. 682-5737
ASCE History, continued from page 4

Covering much of the plate is a seated toga-draped figure who is balancing an open tome on his lap with the right hand as he reaches for a telegraph key with his left. As the author of the 1908 newspaper story pointed out, an “Egyptian scarab” is prominently featured as well. It is a winged “scarabaeus sacer” (commonly known as a “dung beetle”) that pushes a ball of you-know-what which the Egyptians associated with the sun!

As the newspaper of yore said, “The difficulty in embodying in the composition the many various branches of engineering is obvious.” But why describe it when I can simply show it to you?

Do you know of a civil engineering accomplishment or event that your fellow ASCE members might find interesting? Please send a brief description to C.S. Papacostas (fax 956-5014, email csp@wiliki.eng.hawaii.edu). Previous articles in the series may be found at the Section’s web site. Just point your browser to http://www.ascehawaii.org.

Hawaii Section 2010-2011 Officers
www.ite-hawaii.org
President: Honglong Li
lih@pbworld.com
Vice President: Michael Packard
mpackard@ssfm.com
Secretary: Juanita Wolframmm
jwolframmm@ssfm.com
Treasurer: Sara Toyama
stoyama1@honolulu.gov
Director: Steven Yoshida
steven.yoshida@hawaii.gov

WILIKI ADVERTISERS NEEDED

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; x 2&quot;</td>
<td>(10□)</td>
<td>$64.00</td>
</tr>
<tr>
<td>2½&quot; x 2½&quot;</td>
<td>(6□)</td>
<td>$40.00</td>
</tr>
<tr>
<td>7½&quot; x 5&quot;</td>
<td>(37½□)</td>
<td>$240.00</td>
</tr>
<tr>
<td>4½&quot; x 2½&quot;</td>
<td>(11□)</td>
<td>$72.00</td>
</tr>
<tr>
<td>2½&quot; x 1½&quot;</td>
<td>(1□)</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

7½" x 3½" – (25□)
(½ page) – $160.00

The price for the ads will be based on a 1½" x 2½" module size which is 1/24th of the page, and be $20.00 per month with a 15% DISCOUNT for a 6-MONTH RUN.
SFPE SEMINAR ANNOUNCEMENT

NFPA 101 THE LIFE SAFETY CODE

SEMINAR!!!

EARN AIA LEARNING UNITS AT THIS 3 DAY

FIRE PROTECTION ENGINEERS

Simpson Strong-Tie Co., Inc.
Email: twaite@strongtie.com
Mobile: 808-479-1216
Sales, Engineer
Tim Waite, P.E.

www.sfpehawaii.org
OFFICERS
President Melvin K. Harano, P.E. 848-6966
Vice-Pres. Robert T. Biggs, P.E. 526-9019
Secretary Derick Kam 848-6966
Treasurer Samuel S. Dannaway, P.E. 526-9019

Hawaii Chapter SFPE
Sam Dannaway, Program Chairman
Email: sdda@ssdafire.com

The Hawaii Chapter of the Society of Fire Protection Engineers is sponsoring this excellent three-day seminar through a special arrangement with the National Fire Protection Association. This is the first time this seminar has been offered in Hawaii since 2006.

Date: Wednesday July 27 to Friday July 29, 2011.
Time: 8:00 AM - 5:00 PM
Registration on Wednesday is at 7:30 AM
Location: Hale Ikena, Fort Shafter Golf Clubhouse

Cost: Early Registration (before July 8, 2011) $700
After July 8, 2011 $800
2011) $700

Deadline: The early registration deadline is July 8, 2011

For information & to register contact:
Sam Dannaway, Program Chairman
Hawaii Chapter SFPE
Tel (808) 526-9019/
Email: sdda@ssdafire.com