



Buildings At Risk Summit Huge Success!

See photos on page 3

THANK YOU *everyone!*

The 2nd annual BAR Earthquake Loss Reduction Summit was a HUGE success.

But don't take our word for it — here's some comments from attendees:

- Attendees strongly believed this conference was worth their time and money and would come again to future programs.
- Great, thought provoking presentation.
- Passionate & moving. Makes people want to get involved!
- Always great- we need to rally the public!
- Wished I could have gone to both education tracks, will look forward to posted notes.

A few more items to mention:

Handouts posted to SEAOSC.ORG for a limited time
http://www.seaosc.org/events_bar.cfm

Survey Feedback: Please take a moment in our electronic follow-up survey to tell us how we did. It's only 20 questions, and SEAOSC needs your feedback so next year's event can be even better.

Keep the "buzz" alive: Tell us what you learned on LinkedIn and Twitter. The more folks that join the discussion, the more awareness we can build.

Photos: are posted to SEAOSC's Facebook Page-- view the album to see if we caught you raising your hand. Please upload your own photos and "Like" our page too!

L.A. Dinner Mtg.

Wednesday, Nov. 7, 2012

Program: Inspection Items Often Missed by Design Pros

Speaker: Jim Burlew

Location: Luminarias Restaurant, 3500 Ramona Dr., Monterey Park

Time:

5:30 pm Networking Time

6:30 pm Dinner

7:30 pm Program

Menu: Chicken entree. Vegetarian available if requested by Noon, Nov. 6.

Cost: \$35 (Full-time students: \$15)

(See blue insert for reservation form and details.)



Tri-Counties Dinner Mtg.

Tuesday, Nov. 13, 2012

Program: Seismic Retrofit of Hospitals & Government Structures in California

Speaker: Hamid Esmaili, SE, BASEC Structures

Location: Four Points by Sheraton, Ventura, CA

Times: 5:30 pm: Networking; 6:30 pm: Dinner: 7:30-8:30pm: Program

Cost: \$35

(See green insert for registration form and details.)



SEAOSC Holiday Dinner Party

Wednesday, Dec. 5

At The Jonathan Club in Los Angeles

5:30 pm Reception

6:30 pm Dinner

Spouses and Guests Invited

Best social event of the year – don't miss it!

President's Message

By Joe LaBrie, SE

Who's "The Man"?

The Buildings at Risk (BAR) / Loss Mitigation Summit was a tremendous success!

Many of us gathered to discuss the hazards and vulnerabilities associated with earthquakes. I am grateful to all of you who took part in the day. I am also grateful to the team of people who were part of the planning. The committee members who dedicated months of preparation time were Kate Long (Cal EMA), Mark Benthien (SC/EC), Michelle Kam-Biron, Doug Thompson, Francisco Garcia, Diana Nishi, Daniel Traub, Tim Kaucher, Janah Risha, Russell

Kehl, Craig Chamberlain, Matt Barnard, Lynn Hanger and me. The entire team was led by Jeff Ellis of Simpson Strong-Tie. As I reflect on the event, I am reminded about the importance of teamwork. I am amazed at the myriad of details that must be managed and how each person on the team made his or her contribution for which we should all be grateful. All assignments were different; yet equally important to the success of the event...except one, the leader. Volumes have been written that define the characteristics of leadership. Curriculums

(Continued on Page 2)

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www.seaosc.org

You can also follow us on:



President's Message

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have been developed, classes have been taught, and seminars have been presented that offer sound reasoning of all that is required to be a good leader. For years I have been a student of the topic and wondered at the elusive features that made good leaders so scarce. Over the last several months Jeff Ellis demonstrated great leadership for the BAR planning team. We all observed Jeff exercise leadership in more ways than I can write here. From his vigilance to excellence to his attention to the details and follow through to event completion, Jeff maintained the kind of resolve only found in good leaders.

For the last two years, Jeff has provided leadership for the BAR event as a service to the membership of SEAOSC. We all owe him a debt of gratitude because, without a doubt, he is "The Man".

Gratefully,

Joe La Brie

Nov. 7 LA Dinner Meeting Speaker: Jim Burlew



Jim S. Burlew, OSHPD IOR, JB Consulting & Associates Inc., is a Master Code Professional and is the 2012 President of the California Coalition of Professional Construction Inspectors (CCPCI). He will be presenting a session on items to assist engineers and designers before, during and after construction. Jim is a licensed General Contractor, Class A OSHPD IOR, former Class 1 DSA PI, ASNT Level III in UT/MT/PT, AWS/CWI and holds over 60 construction inspection licenses total. The purpose of this presentation is to give a different perspective of construction from the view of the inspectors. Jim Burlew intends to show engineers and designers items which the inspectors encounter in most projects and how they can address these prior to construction beginning. Also Jim will look at some items that seem to come up during construction and are sometimes overlooked. These findings are from years of experience obtained from all walks of construction: DSA, OSHPD, Local AHJ, tradesmen, new designers, seasoned designers, etc. A specific focus will be on structural and seismic issues, but we will also focus on architectural and administrative requirements which seem to be overlooked but very important.

In Memoriam

James Bihr



James Bihr, a visionary who led the International Conference of Building Officials (ICBO) to national and global prominence in the 1970s, '80s and '90s, and who served as one of the primary architects of the International Code Council consolidation, died Sept. 7 in Whittier, following a battle with cancer. He was 85.

"He was without a doubt a visionary," said Jon Traw, longtime friend and the man who succeeded Bihr as ICBO leader in 1993.

Bihr attended Syracuse University on the G.I. Bill after serving in the Army toward the end of World War II. He earned an engineering degree at Syracuse and married his childhood sweetheart, Betty, in 1951. They began to raise a family in upstate New York when Bihr heard California calling.

Bihr worked for the City of Los Angeles for about 10 years before joining ICBO's predecessor, the Pasadena-based Pacific Coast Building Officials Conference PCBOC, in 1962. Bihr continued to move up in the organization ladder, becoming Executive Director in 1979, some seven years after the group became known as the ICBO and moved to larger quarters in Whittier.

"As far back as the 1970s, Jim felt that it was inevitable that there would be one building code organization for building regulations or the federal government would do it for the sake of national uniformity," John Nosse, former head of the ICC-ES Evaluation Services, said. "Jim had that unique ability to view the future with wisdom."

After leaving ICBO, Bihr became a consultant in Whittier, often providing expert testimony in building-related court cases.

Bihr is survived by daughter Kathy; three sons, Jim Jr., Tom and Bob; and his beloved wife of more than 60 years, Betty.



*Thanks USC EERI Student
Chapter for giving SEAOSC
its 100th "Like" on Facebook!
Hope to see you at
a SEAOSC event soon!*



Buildings At Risk Summit Photos

Over 230 attended the Oct. 11 day-long Buildings at Risk (BAR) Summit at the Westin Bonaventure in Los Angeles.



SEAOSC Member Guides Space Shuttle Through LA

Plump Engineering, and Encon Construction Services, teamed to provide design, engineering and logistics management for the transport of the Space Shuttle Endeavour from Los Angeles International Airport (LAX) to the California Science Center in Los Angeles Oct. 12-13. Through a comprehensive suite of architecture, engineering and construction services, the two Southern California companies worked with Sarens, CalTrans, Southern California Edison and local police departments to protect Los Angeles roadways, sewer/storm drain systems and underground utilities and to ensure the weight of the orbiter and its transporter did not damage the infrastructure during transport.

Following its final mission in May 2011, the Space Shuttle Endeavour was officially retired by NASA, and was transported to the California Science Center, where it will be on display in the Samuel Oschin Pavilion's Endeavour: A California Story exhibit, showcasing artifacts and images relating the shuttle program to California.

"Endeavour is a major piece of America's history and accomplishment in space," said Richard Plump principal of Plump Engineering. "Our team is thrilled to be able to help facilitate its safe transport to the California Science Center where it will teach and inspire countless people of all ages."

The combined weight of the shuttle (approximately 175,000 pounds) and the transport vehicle (approximately 325,000 lbs.), posed risks to the city's roadways, sewers and storm drains – many of which were initially implemented in the 1920s and 1930s. The route began at an LAX hangar and continued through the city of Inglewood and past the South Figueroa Corridor in the city of Los Angeles, ending just south of the University of Southern California campus at the museum.

In addition to the collaboration with municipalities and utilities for crowd and vehicular traffic control, major activities included removal of center concrete medians (k-walls) and construction of ramps at Lincoln Blvd. near LAX, the analysis of all sewers and storm drains along the entire route in order to direct the placement of 2600 steel plates to distribute the vehicle's weight, analysis of soil pressures, and the transfer of the vehicle across the Manchester Bridge at the 405 freeway.

With a maximum speed in flight of 19,000 miles per hour, the Space Shuttle Endeavour will complete the 14-mile transfer route from LAX to the California Science Center moving at approximately 2 miles per hour. The journey began during the early hours of the morning on Oct. 12 and Endeavour made an 8 am stop at the Forum in Inglewood for a ceremony. Following the event, the orbiter continued on its route, arriving at the California Science Center on the evening of Oct. 13. Engineering and construction services will both precede and follow orbiter transport efforts.



SEAOSC Member SE Richard Plump, Plump Engineering, Inc. and Encon Construction Services, Inc., lead Engineering and Construction for the safe transport of the Endeavour Space Shuttle to the California Science Center.

COSMOS Technical Session: Near Field Motions & Strong Aftershocks

The Consortium of Organization for Strong Motion Observation Systems (COSMOS) will hold its Annual Meeting and Technical Session Friday, Nov. 16 at the Hilton Garden Inn in Emeryville, CA. The day-long technical session will focus on "Issues Associated with Adjusting NGA Ground Motion Prediction Equations for Directivity and Fling and Short-Term Impacts of Serious Aftershocks on Building Code Ground Motions". This year's COSMOS Technical Session is being co-sponsored by the Pacific Earthquake Engineering Research Center (PEER) and the California Geological Survey (CGS).

This year's Technical Session will focus on two subjects. The first deals with issues associated with adjusting the recently developed Next Generation Attenuation ground motion prediction equations for directivity and fling when developing near fault design ground motions. The second subject deals with how those associated with developing building code design ground motion should react when serious aftershocks will likely be greater than current building code ground motions. This subject is of particular concern in moderate areas of seismicity such as Christchurch, New Zealand. As in years past, the last part of the Technical Session will include a lively panel session.

For complete program and registration details for the COSMOS Annual Meeting and Technical Session, visit the COSMOS website at www.cosmos-eq.org.

SEAOSC Calendar



NOVEMBER

7	3:30pm	Board of Directors Meeting	Luminarias Restaurant, Monterey Park
	5:30pm	LA Membership Dinner	Luminarias Restaurant, Monterey Park
9		December Newsletter Deadline	
13	5:30pm	Tri-Counties Dinner Meeting	Ventura
13		Young Member Membership Drive	UCLA

DECEMBER

5	5:30pm	Holiday Party	The Jonathan Club, L.A.
7		Newsletter Deadline for Jan. 2013 Issue	

Mark your calendar now or save this page. Don't miss your favorites!

Topics and dates subject to change — for the latest seminar details and registration go to www.seaosc.org

SEAOSC ANNUAL EVENTS

- Feb. 1: Student Awards Night Dinner
- February: YM Field Trip to UCSD Englekirk Center
- Apr. 30: Deadline to Submit Excellence in Structural Engineering Posterboards
- June 6: Excellence in Structural Engineering Awards Dinner
- Aug. 1: Field Day
- Sept. 12-15: SEAOC Convention
- Oct. 11: Buildings At Risk Summit
- Oct. 18: Annual Shakeout Event

Information regarding these events can be found on the SEAOSC website: (www.SEAOSC.org)

Seminar Registration How-To

Please go to www.seaosc.org for secure online registrations or use the enclosed registration flyers. Be sure to remember to log in to the website as a member to take advantage of SEAOSC's member benefit of member pricing. It is advised to register early to ensure a seat. Please note that confirmations will only be given to those people who register via the SEAOSC Website.



Next SEAOSC
Newsletter Deadline:
Nov. 9
for the December Newsletter

Steel Design Seminar Nov. 9, 2012 in Las Vegas

Structural Engineers Association of Southern Nevada (SEASoN) invites SEAOSC members to attend a half-day Steel Design Seminar in Las Vegas Friday, Nov. 9 at the member rate of \$140. The registration fee includes lunch, breaks, presentations, handouts, and a certificates for 4.0 Professional Development Hours.

James Malley, Degenkolb Engineers, will present “Changes in the 2010 Seismic Provisions in AISC 341-10, which will cover re-structuring of the Provisions to a chapter layout more similar to the Specification, a more unified presentation of the requirements of each seismic force resisting system, a clearer discussion of the intended seismic response characteristics for each system, the addition of cantilever column systems and greatly expanded sections on composite systems.

“AISC 358-10 Prequalified Moment Connections for Intermediate and Special Moment Frames” will be presented by Mike Englehardt, the University of Texas. The AISC Seismic Provisions for Structural Steel Buildings, AISC341-10, requires that all moment connections for intermediate and special moment frames be prequalified or be qualified by testing. The prequalification process for connections is overseen by AISC’s Connection Prequali-

fication Review Panel (CPRP), which has approved a number of moment connections in the standard Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications, AISC 358-10. This session presents an overview of the connections prequalification process and an introduction to the available prequalified connections.

Brandt Saxey, Corebrace, will present “Advances in Buckling Restrained Braced Frame Design”. Although buckling restrained braces (BRB) have now been a codified system for over five years and have been used in design for much longer, the system is still relatively new. BRB’s are now entering their second full code cycle with the AISC Seismic Provisions for Structural Steel Buildings, AISC 341-10, which has introduced significant changes. These new changes will be highlighted along with methods to effectively design Buckling Restrained Braced Frames (BRBF) and to coordinate with BRB Manufacturers. A recently proposed Unified Design Methodology will also be discussed along with its advantages and its challenges.



New SEAOSC
Address 1105 S. Euclid
St., Ste. D409
Fullerton, CA 92832
Phone, fax, email and
website stay the same.
(See bottom of each
newsletter page.)

Structural Engineers Association of Southern California



Los Angeles Dinner Meeting

Wednesday, Nov. 7, 2012

Program: **“Inspection Items Missed by Design Professional — Before, During and After Construction”**

Abstract:

The purpose of this presentation is to offer a view of construction from the perspective of inspectors. Jim will show engineers and designers items which the inspectors encounter in most projects and how they can address these prior to the beginning of construction. Jim will also look at some items that seem to come up during construction and are sometimes overlooked. These findings are from years of experience obtained from all aspects of construction: DSA, OSHPD, Local AHJ, tradesmen, new designers, seasoned designers, etc. A specific focus will be on structural and seismic issues but he will also cover architectural and administrative requirements, which often seem to be overlooked but which are very important.

Speaker: Jim S. Burlew

Location: **Luminarias Restaurant,
3500 Ramona Blvd.
Monterey Park**



Jim is a Master Code Professional and the 2012 president of the California Coalition of Professional Construction Inspectors (CCPI). He is a licensed General Contractor, Class A OSHPD IOR, former Class 1 DSA, PI, ASNT Level III in UT, MT, PT, AWS/CWI and holds over 60 construction inspection licenses total.

Networking Time: 5:30pm
Dinner: 6:30pm
Program: 7:30-8:30pm

Cost: \$35; Students: \$15

Reservations: Make advance reservation before Tuesday, Nov. 6 via SEAOSC.org, fax or email. SEAOSC is charged for “no-shows” so please notify office if you must cancel. Prepay by providing your credit card number and expiration date. “Walk-ins” welcome.

LOS ANGELES DINNER RESERVATION FORM: Nov. 7, 2012

Reservations Due Before: Nov. 6, 2012

Name: _____ Phone: _____

Number of Attendees: ___ @ \$35 = \$ _____

Number of Students: ___ @ \$15 = \$ _____

TOTAL = \$ _____

Your email: _____

Credit Card Number: _____ Expiration: _____

Signature: _____ 3 digits on back of card: _____

Billing Address: _____ Zip Code: _____

Structural Engineers Association of Southern California



Tri-Counties Dinner Meeting

Tuesday, Nov. 13, 2012

Program: Seismic Retrofit of Hospitals & Government Structures in California

Speaker: Hamid Esmaili, SE, BASEC Structures. Hamid has over 30 years' experience. He worked at the City of Los Angeles for several years until he started his work in seismic retrofit as a licensed General Contractor in the 1990's.

Location: Four Points by Sheraton
1050 Schooner Drive
Ventura, CA 93001

Networking Time: 5:30pm

Dinner: 6:30pm

Program: 7:30-8:30pm

Cost: \$35.00

Reservations: Make advance reservation before Monday, Nov. 12 via SEAOSC.org, fax or email. SEAOSC is charged for "no-shows" so please notify office if you must cancel. Prepay by providing your credit card number and expiration date. "Walk-ins" welcome.

TRI-COUNTIES DINNER RESERVATION FORM: Nov. 13, 2012

Reservations Due Before: Nov. 12, 2012

Name: _____ **Phone:** _____

Yourself: 1@ \$35.00 =\$ _____

Guests: __@ \$35.00 =\$ _____

TOTAL =\$ _____

Your email: _____

Credit Card Number: _____ **Expiration:** _____

Signature: _____ **3 digits on back of card:** _____

Billing Address: _____ **Zip Code:** _____



**You Are Invited to Attend
SEAOSC's Holiday Party
Dec. 5, 2012**

**at The Jonathan Club
545 South Figueroa Street
Los Angeles, CA 9007**

Reception: 5:30 pm

Dinner: 6:30 pm

Cost: \$95

Attire: Holiday Semi-Formal

Gentlemen: Neckties Required by Club

Ladies: We suggest a sweater or jacket for

Reception on patio with heaters

Name(s): _____

Amount: _____

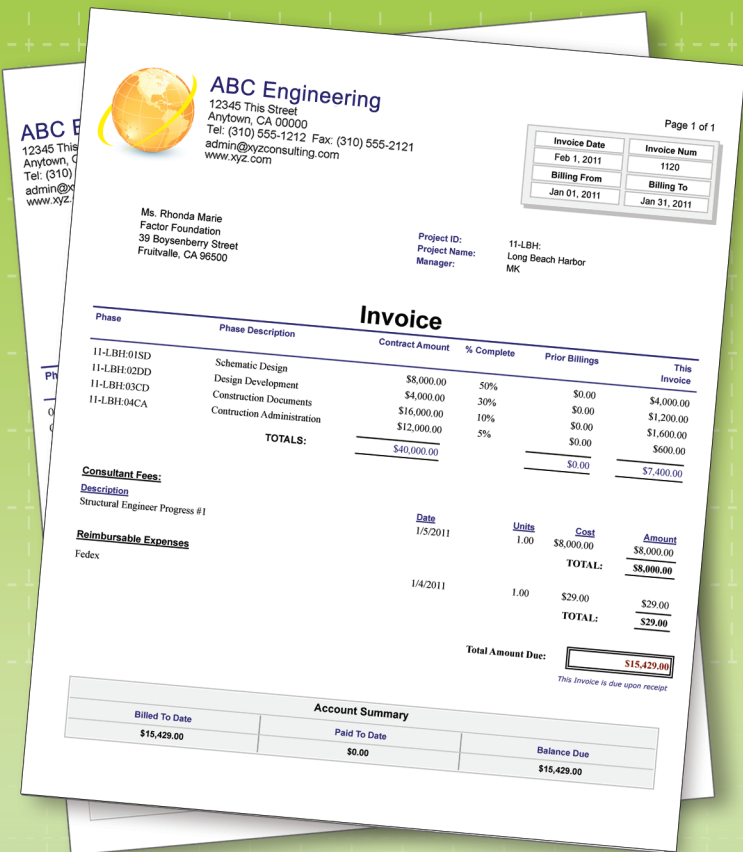
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—Joe South, CFO

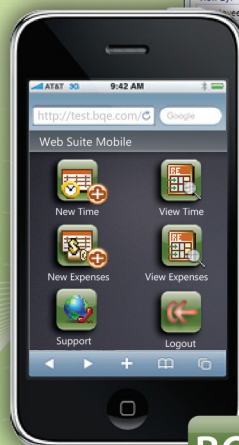
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Activity ID	Description	Mon (29)	Tue (30)	Wed (1)	Thu (2)	Fri (3)	Total
Cad Plot:	CAD PLOTTING		2		3.5		5.50
Health Dept:	PRELIMINARY DESIGN	1		2.5			5.50
Principal Offices-2:	Plan Review:	2			1.5	2	5.50
France Airport:	Field Insp:	1.5		2			3.50
General:	Gen Office:		3				3.00
Principal Offices-2:	Report:		1				3.00
D. NY:	BD Liaison:			2.5			2.50
IN2-CD	Coordination:	1			1.5		2.50
ord1-SD	Conf Client:					1.5	1.50
		5.50	6.00	7.00	6.50	3.50	32.50

BQ

2012-2013 SEAOSC Officers

Get involved! Members and interested parties are invited to join a SEAOSC committee.
Contact the chairperson for information on current projects and meeting times, dates and locations.

SEAOSC Officers & Board Members

	Name	Phone	Email	
President	Joe LaBrie ²	626-445-0366	labrie@makeitright.net	
President-Elect	Doug Thompson ^{1,2}	949-599-0320	dougt@stbse.com	
Treasurer	Kevin O'Connell ²	310-323-9924	oconnell@structuralfocus.com	
Immediate Past President	Janah Risha	818-729-9777	jrisha@risha.com	
Directors	Casey Hemmatyar	888-889-5643	casey@psfeg.com	
	Larry Kaprielian	949-462-3200	lkaprielian@knaconsulting.com	
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