



Structural Engineers Association of
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SEAOSC

Founded in 1928 Vol. 11 Sept. - Oct., 2001

NEWS

President's Message

Welcome to the SEAOSC 2001-2002! May I say it is a privilege to serve as the 73rd President of this remarkable Association? I am looking forward to working with Dan Novak, Richard Hess, the Board of Directors and all of you to improve and strengthen our Association during the coming year.

On behalf of the SEAOSC membership, I would like to

thank Jim Hill for his fine leadership as President of SEAOSC during the past year. Also our appreciation is extended to the past Board for their faithful and hard work during this same period of time.

During the coming year, I hope to keep you informed as to what your Board of Directors have under consideration for our membership. I will also try to provide a perspective on key issues facing

the profession. With many important issues challenging our Association in the coming year, it looks to be a very exciting time for your Board. I, like all past Presidents, will try to focus and commit to serving the membership of our Association. As such, I would like to hear your opinions regarding the issues before our profession. Please call or send an E-mail to me or to any of the Board of Directors with your ideas, and
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Three Dinner Meetings and a Macro Seminar-- Save These Dates!

Sept. 5: SEAOSC Dinner Meeting: SEAOC Past President Ron Hamburger on the changing scene in building code development. *(See blue insert).*

Sept. 8: Seismic Design Manual Seminar Vol. III. *(See gray insert).*

Sept. 12: Tri-Counties Dinner Meeting: Ray Bizal, regional manager NFPA, on the NFPA 5000 Building Code. *(See green insert).*

Oct. 10: Orange County Dinner Meeting: Ray Bizal, regional manager NFPA, on the NFPA 5000 Building Code. *(See orange insert).*

September-October Calendar

September

5	Noon	Committee Chair Luncheon	Luminarias Restaurant, Monterey Park
	3 p.m.	Board Meeting	Luminarias Restaurant, Monterey Park
	5 p.m.	L.A. Dinner Meeting	Luminarias Restaurant, Monterey Park
8	7:30 a.m.	Seismic Design Manual Vol. III Seminar	Wyndham Hotel, Commerce
9	2 p.m.	2002 Convention Meeting	SEAOSC Offices, Whittier
11	2 p.m.	Quality Assurance Committee	SEAOSC Offices, Whittier
	4 p.m.	Existing Buildings Committee	SEAOSC Offices, Whittier
12	5 p.m.	Tri-Counties Dinner Meeting	Big Yellow House, Summerland
18	1 p.m.	Code Committee Meeting	SEAOSC Offices, Whittier
26-29		SEAOC Convention	Loew's Coronado Resort, San Diego

October

3		November Newsletter Deadline	
9	2 p.m.	Quality Assurance Committee	SEAOSC Offices, Whittier
	4 p.m.	Existing Buildings Committee	SEAOSC Offices, Whittier
10	5 p.m.	Orange County Dinner Meeting	Costa Mesa Country Club
31		December Newsletter Deadline	

SHA Merges with Coffman

SHA Engineering Consultants, Canoga Park, recently merged with Seattle-based Coffman Engineers, Inc. to form SHA Coffman Engineers. Saif Hussain, S.E., is now a partner at Coffman Engineers, and the

managing principal of SHA Coffman Engineers. The firm will soon be moving to new and larger office space as it expands operations in the Los Angeles area.

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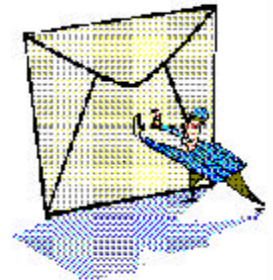
Letters to the Editor

Editor's Note: Time limitations did not allow SEAOSC's newest Honorary Members to speak at the Presentation, so their remarks have been printed here as letters to the editor.

To the Editor,

We have a wonderful Association here, as all of us are aware. SEAOSC has great respect in this Country and beyond, so being named, as an Honorary Member is an honor I will cherish. Our present Honorary Members noted in the Directory but not listed are:

Hal Bernson	John C. Kariotis	Allan R. Porush
Walter A. Brugger	Donald R. Kay	John O. Robb
Ted M. Christensen	Gerald D. Lehmer	Ben L. Schmid
John M. Coil	John C. Loevenguth	John G. Shipp
L. LeRoy Crandall	John A. Martin	Hans G. Steinmann
George W. Housner	John K. Minasian	Donald R. Strand
Donald K. Jephcott	William W. Moore	Edward J. Teal
Carl B. Johnson	David L. Narver Jr.	Robert E. Tobin
Roy G. Johnston	Ronald F. Nelson	Jon S. Traw
Tom T. Kamel	Richard J. Phillips	William T. Wheeler
Mamoru E. Kanda	Clemson W. Pinkham	Robert S. White



I am very proud to be included in the above company. A heartfelt thank you to the Committee and the Board of Directors.

David C. Breiholz



John Shipp, left, and Dave Breiholz, SEAOSC's newest Honorary Members.

I want to thank the SEAOSC Board and the members of SEAOSC for this very great honor.

I have had the pleasure of serving and continue to serve SEAOSC for over 35 years and can honestly say that I would not hesitate to do it all over again. There is no more rewarding experience than to work with fellow SEAOSC members to enjoy their company and council both at technical and social events.

To be recognized for doing something that you truly enjoy doing and is fulfilling is very special. And to receive this honor at the same time as my

good friend David Breiholz is more than just the icing on the cake, it is truly a memorable moment.

I firmly believe that engineers who practice structural engineering are the best people in the world. And those that are members of SEAOSC are the best of the best. As I have said before, SEAOSC is family and I am proud to be a member of your family.

Thank you for making me an honorary member of this most honorable organization.

In Memoriam

Donald Parker, 60, died of Leukemia May 26. A relatively new, self-employed SEAOSC Member SE, he is survived by his wife Karen, three sons, a granddaughter, a brother and his mother. Mr. Parker received a civil engineering degree from the University of Wisconsin and began his career with the L.A. County Engineer before moving to Colorado to work for Stearns-Roger, a locally owned engineering firm that ultimately became Raytheon Engineers and Constructors. He worked in power (solar, wind and conventional energy), transportation, and aerospace. Most recently he worked for Boeing Corp. in Huntington Beach. A memorial service was held June 2 at Mission Lutheran Church in Laguna Niguel. Donations may be made to Pacifica Synod Don Parker Memorial in Yorba Linda or to the Leukemia and Lymphoma Society in Santa Ana.

July Plan Review Available On Website

The July issue of SEAOC Plan Review is posted on the SEAOC website (seaoc.org) in the membership-only secure section accessed by user ID "SEAOC" and password "SEA32OC". The access codes ARE case-sensitive so be sure to enter the code in CAPITAL letters.

Coffman Engineers (www.coffman.com) is an established ENR Top 500 multidiscipline design firm with offices in Seattle, Spokane, and Anchorage. The company offers a wide range of services including structural, mechanical, electrical/lighting, and civil

SMIP01 Seminar on Utilization of Strong-Motion Data

Los Angeles Airport Marriott Hotel Sept. 12

The California Strong Motion Instrumentation Program(CSMIP), Division of Mines and Geology of the California Department of Conservation is pleased to announce a one-day seminar on Utilization of Strong-Motion Data Wednesday, September 12, 2001 at the Los Angeles Airport Marriott Hotel.

The seminar program will include presentations by investigators who were funded by CSMIP to perform data interpretation studies during the past year and invited experts who have utilized strong-motion data in specific studies. For further information on the Seminar Program and Registration, please visit the web site www.consrv.ca.gov/dmg/csmip or call CSMIP office at (916) 322-3105.

The Seminar is the 13th in a series of annual events designed to transfer recent research findings on strong-motion data to practicing seismic design professionals and earth scientists. The purpose of this annual seminar is to increase the utilization of strong-motion data in improving post-earthquake response, seismic code provisions and design practices.

SHA Merges with Coffman

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engineering design, as well as program and construction management. This supplements SHA's strong experience in structural/seismic engineering and special expertise in protective technologies like base isolation.



SEAOC Convention 2001
Sept. 26-28
Lowe's Coronado Resort, San Diego

Seismic Conference Seeks Abstracts On Bridge, Highway Advancements, Technologies

April 28 - May 1, 2002 in Portland, Oregon
Abstract deadline is July 15, 2001

The Third National Seismic Conference and Workshop on Bridges and Highways is requesting abstracts for presentations at next year's conference. Organizers will accept 50 to 60 papers for formal presentations. Another 25 papers will be selected for poster sessions. Deadline for submission of abstracts is July 15, 2001.

The conference theme is "Advances in Engineering and Technology for the Seismic Safety of Bridges in the New Millennium." Presentations will focus on the latest advancements in earthquake design and retrofit, and on new and innovative technologies — including the latest research and developments in earthquake engineering for bridges, highway systems, and components. The program is scheduled for April 28 through May 1, 2002, in Portland, Oregon.

The conference will provide a forum for information on current practices and research for seismic-resistant design and retrofit of bridges and highway systems in all seismic zones. Abstracts are sought on the following topics:

- * Effects of near-field earthquakes on bridges
- * Displacement based design
- * Lessons learned from recent earthquakes (since 1998)
- * Design of major long-span bridges in high or moderate seismicity areas
- * Design strategies for bridges subject to large ground motions
- * Seismic practices east of the Rockies
- * Emerging seismic design and retrofit technologies for bridges, tunnels, and other structures
- * Seismic response modification devices

One-page typewritten abstracts should be submitted by July 15, 2001 to: Third National Seismic Conference and Workshop on Bridges and Highways, c/o MCEER, University at Buffalo, Red Jacket Quadrangle, Buffalo, NY 14261-0052; Tel: 716/645-3391; Fax: 716/645-3399; email: mceer@acsu.buffalo.edu. Faxed and email submissions are welcome.

Technical questions? Contact Tom Post, Caltrans, Tel: (916) 227-8728, Fax: (916) 227-8898, email: tom_post@dot.ca.gov; or Roland Nimis, FHWA, Western Resource Center, tel: (415) 744-2653, fax: (415) 744-2620, email: roland.nimis@fhwa.dot.gov.

Advertisements

Tildin Engineering seeks senior engineer with minimum five years experience in the structural design of commercial buildings. California P.E. or S.E. preferred. Excellent benefits. Send resume and salary history to: 9550 Warner Avenue, Suite 325, Fountain Valley, Ca. 92708. Phone (714) 962-9705 / Fax (714) 962-4797. Attn: Farid Dinari

Sacramento's largest Architecture/Engineering firm seeks qualified engineers. Minimum two years experience structural design and detailing of buildings. California CE, SE preferred. Multiple positions available. Strong communication/teamwork skills essential. Project management skills a plus. Mail resume to: Lionakis Beaumont Design Group, Inc., Forward resume to jobs@lbdg.com.

Small, growing branch office in Irvine seeks personable, ambitious structural engineer with 5+ years experience in structural/seismic building design. P.E./S.E. preferred. Commercial, retail projects nationwide. CMU, tilt-up building experience a plus. Fast-paced but comfortable work environment. Send resume to cmh@wallacesc.com or fax (949) 753-5105.

DCI Engineers is looking for structural project managers, engineers and CAD designers for our San Diego location. Please send cover letter and

resume to DCI Engineers, 2821 Northup Way, #200, Bellevue, WA 98004, attention: HR; Fax: (425) 827-8986; email: hr@dc-engineers.com; url: www.dic-engineers.com.

Risha Engineering Group, Burbank, seeks P.E. with M.S. degree. Must have 3-7 years experience in structural design and detailing for steel, concrete, masonry, wood framed structures. Projects include design for new building, seismic evaluation, retrofit for existing structures. Exceptional written, verbal communication skills a must. Fax: (818) 729-9779

RISA Technologies seeks motivated engineer. Duties include support, testing and documentation of structural engineering applications. BS or MS in civil, structural or architectural engineering with two plus years design experience. Voice:(949)951-5815, Fax:(949)951-5848 or email: resumes@risatech.com. Visit our website at www.risatech.com.

Looking to relocate? Hope Engineering, one of San Diego's premiere structural engineering firms, seeks a senior level project manager. We are involved in a variety of high-end challenging projects. Position requires eight years of building design experience and professional registration in California. Contact Jim Amundson: Fax: (619) 235-4675; email: jamundson@hopeengineering.com.

STRUCTURAL CONSULTING ENGINEERS

If you are looking for a company where:

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- You will enjoy coming to work
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Costa & Associates

Structural Engineers

1543 West Garvey Ave. No., Suite 215

West Covina, CA 91790

Costa and Associates, a small, 20 year old firm with an excellent reputation in Southern California, is looking for experienced California licensed Structural Engineers (civil or structural license) to become part of our team. Candidate should be familiar with structural design and detailing in steel, concrete and masonry building structures. Experience in school facilities and knowledge of AUTOCAD desirable. Permanent position with good salary plus complete benefits. Excellent working environment. Fax resume to (626) 690-5271, or e-mail to oscse@earthlink.net

Attention: Orlando Costa or Linda Grasso

Structural Engineering Review Manual, 2001 Edition

The most comprehensive SE review manual, Edited by Ben Yousefi, S.E. and James Son, S.E., has just been upgraded to the **1997 UBC**. The manual (approximately 600 pages) contains complete problem statements and solutions (except LRFD and bridge) for the California S.E. exam for the years 1990-1995 (six years).

Problem statements and solutions have been extensively modified to reflect the new 1997 UBC provisions for such items as: **strength level base shear, redundancy, overstrength, load combinations, non-structural components, anchorage, concrete torsion and shear wall design, and steel moment connections per FEMA 350 guidelines.**

The manual, currently in its eight year of publication, is mainly intended for engineers preparing to take the SE exam. However, it is also a useful reference for a methodical approach to solving many types of practical engineering problems encountered by engineers on a daily basis. Applicable codes and text books, referenced by section and page number for each step of the calculations, substantially increase the efficiency for users.

In addition to the main manual a **brand new supplement** (approx. 100 pages) is also available this year covering 18 new problems in all areas. The cost for the main manual is \$175 and for the supplement is \$45; plus applicable taxes, shipping and handling. For more information, or an order form please call BYA publications at 800-566-2906.

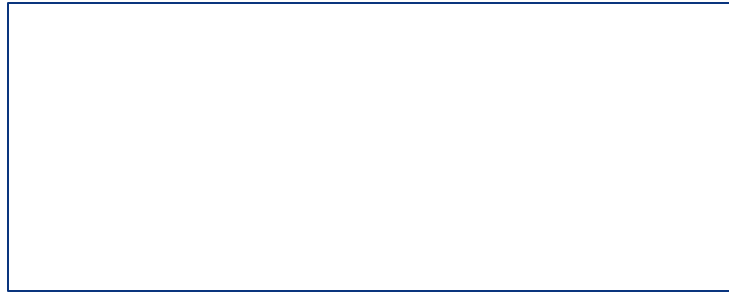
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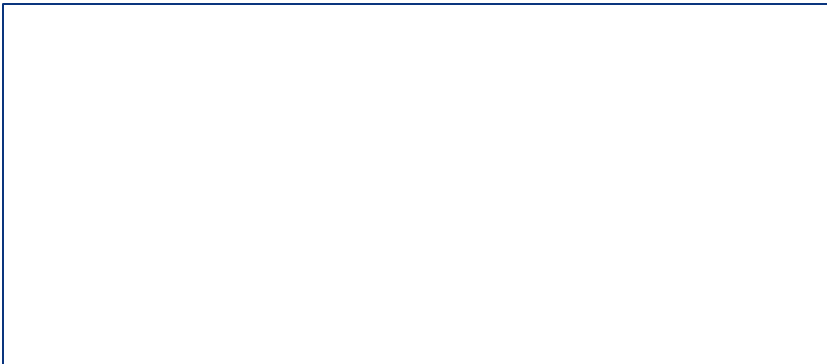
Awards Night 2001



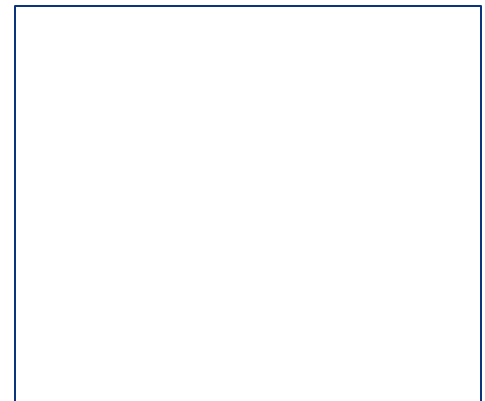
Incoming President Jack Bruce, left, thanks retiring President Jim Hill for his leadership.



Some of the 2000-2001 SEAOSC seminar presenters (from left): Richard Phillips, Shirin Ader, Michael Cochran, David Chang and Marshall Lew.



Board of Directors (back row, left to right): Treasurer Richard Hess, retiring President Jim Hill, Fred Schott, Martin Johnson, President-Elect Dan Novak. Front row, left to right: Mike Mehrain, Shirin Ader, Michael Cochran, Amer Soudani and Brian Cochran.



Edmond Gharibans, President of Taylor & Gaines Structural Engineers, accepts the SEAOC Excellence in Structural Engineering Competition 2001 Award from Don Gilbert, SEAOSC Executive Director, for their Huntington Memorial East Hospital Tower project.

President's Message (Continued From Page 1)

I pledge we will respond appropriately. You can find the phone number and E-mail address of your officers and board members on the back of this Newsletter.

As outlined in my speech during the June, 2001 Dinner Meeting, I hope our Association can move forward during the coming year in following areas:

- **National Certification Model for Structural Engineers.**

Hopefully the Association can take a proactive role in development of a National Certification Model for Structural Engineers through the SEAOC Certification Committee. Many of us do not realize the future of the structural engineering profession is very much in question here in California. On the national level the issue of licensing or certification for structural engineers is even more confusing and complex. Bill Warren, SEAOSC, is the State Chair of the SEAOC Certification Committee, and John Shipp and Fred Schott are the SEAOSC representatives to this committee. I would encourage you to let these people know of your opinion on this important issue. If you do not have an opinion, please talk to them about what is happening on this issue so you can develop an informed opinion.

- **Committee Activity.**

There is a major change at the State level regarding the organization of our committees. The change combines the Code and Seismology Committees as well as some thought to including the Existing Buildings Committee in this "Super" Technical Committee. Our committees and the Board will be busy

during the coming year addressing how we will adjust to this change. Our Committees, in general, have not been as active as in the past. Yes, with all the uncertainty of where our codes are going, and how we can impact the codes, it is easy to become complacent. However, we need to embrace the change, remain flexible, and strive to influence the code and standards process at the state and national level!

- **Seminars and Publications.**

I will push for an increase in the number of timely seminars and publications. I note a major "thirst" in our association for more education.

- **Student Involvement.**

During the coming year there will be a continued commitment to encouraging students to move into the structural engineering profession. Through our Public Speakers Committee, our Student Scholarship Program, and student activities in our organization, we can start to make an impact on the future of structural engineering.

Next year at this time, I will be turning this job over to our next President. I'm sure I will feel disappointed over work left undone, but I will also feel pride and satisfaction in having had the honor and privilege of serving with one of the finest structural engineering associations in the world. I believe we are all committed to continuing to make SEAOSC a dynamic and professional organization. To this end, I thank you in advance for helping the 2001-2002 Board and me in reaching that goal.

Jack Bruce, President

2000 - 2001 SEAOSC Officers and Committee Chairs

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	Fax	Email
President	Jack Bruce*	213-897-3995	213-897-3159	jack.bruce@dgs.ca.gov
President-Elect	Dan Novak	626-683-0066	626-683-0060	dan.novak@ttisg.com
Treasurer	Richard Hess	714-828-1365	714-236-4034	rhess@hesseng.com
Secretary	George Battey III	909-824-7210	909-824-7209	gbattey@eee.org
Immediate Past President	James Hill*	805-461-1947	805-461-1947	calse@aol.com
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	Michael Cochran	310-207-6638	310-207-6188	mlcse@aol.com
	Saiful Islam	626-304-2616	626-304-2676	saiful@sbise.com
	Martin Johnson	714-734-4242	714-734-4272	mwj@eqe.com
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	Amer Soudani	626-962-8751	626-814-1187	amers@hansonspancrete.com
	Howard Stup	805-642-0500	805-642-0090	hfsa@west.net
	Melvyn Green*	310-792-9252	310-792-8092	mgreenassoc@earthlink.net
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Building Code	Warren Minner	661-324-9724	661-324-3416	igalaxy.net
Business Forum	Ike Ikeda	213-744-1414	213-744-1515	n/a
Computer Applications	Shafat Qazi	310-530-3050	310-530-0184	shafat@bqe.com
Disaster Emergency Services	Sandy Pringle	310-353-2244	310-376-5294	sandyp@sic-inc.com
Education	Ming Yeh	626-449-9886	626-449-9086	myyeh@aol.com
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	Larry Brugger	213-977-6446	213-977-6468	lbrugger@ladbs.lacity.org
	David Pomerleau	949-474-0502	949-474-1801	dpomerleau@fwcse.com
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