



Structural Engineers Association of
Southern California
5360 Workman Mill Rd.
Whittier, CA 90601
Tel: (562) 908-6131
Fax: (562) 692-3425
E-mail: seaosc@seaint.org
Website: www.seaint.org

SEAOSC

NEWS

Founded in 1928 Vol. 10 December, 2000

SDM III Available Now From ICBO

The third volume of the popular Seismic Design Manual Series has been completed by SEAOC, NCSEA and ICBO and is now available from ICBO. The *Seismic Design Manual, Volume III, Building Design Examples: Steel, Concrete and Cladding* is the final addition to a trilogy dedicated to providing a link between building codes and everyday engineering practice by offering practical advice and design examples.



Volume III covers steel braced frames, steel moment-resisting frames, concrete shear wall, precast cladding and more. It contains 10 building examples in 325 pages. *Volume I*, which covers code application, and *Volume II*, which covers masonry, light-frame and tilt-up, have sold nearly 10,000 copies.

A similar series of guides referencing the 2000 International Building Code (IBC) is planned. The upcoming series will have an expanded scope to address seismic and structural design issues, according to John Shipp, S.E., SEAOC Past President and project manager of the IBC design manuals. The first of three volumes is expected by Spring 2001.

To order *SDM III*, call (800) 284-4406 or visit www.icbo.org.

"This reference was developed in response to the structural engineer's need for guidance when designing with the seismic provisions of the 1997 Uniform Building Code (UBC). It is an essential resource for every structural engineer practicing in seismic areas," says Ronald Gallagher, S.E., project manager for *Volume III*. "Many of the examples and code interpretations included here are not found in any other resource."

Your Opinion, Please

Please take a moment to fill out the *BRIEF* dinner meeting survey inserted in this newsletter on light yellow paper. Help your Board of Directors and Program Committee meet your needs.



L.A. Dinner Meeting

Wednesday, Dec. 6

Program: Recommendations for Steel Moment Frame Repairs

Speakers: Peter Maranian, S.E., Brandow & Johnston; and Henry Huang, P.E., L.A. County Dept. of Public Works

Location: Luminarias Restaurant

Menu: Prime rib

Time: Social hour: 5:30 p.m.

Dinner: 6:30 p.m.

Program: 8 p.m.

Cost: \$24

(Full-time, undergraduate students: \$10)

(See blue insert for reservation form and details.)

Tri-Counties Dinner Mtg.

Wednesday, Dec. 13

Program: Legal Issues of Interest to SEAOSC Membership

Speaker: John Hodges, Esq.

Location: Big Yellow House, Summerland

Time: Social hour: 5:30 p.m.

Dinner: 6:30 p.m.

Program: 7:30 p.m.

Cost: \$24 (Full-time undergraduate students: \$10)

(See green insert for reservation form and details.)

December Calendar

1		January Newsletter Deadline	
5	2 p.m.	Testing Standards Committee	SEAOSC Offices
6	3 p.m.	SEAOSC Board Meeting	Luminarias Restaurant
	5:30 p.m.	L.A. Dinner Meeting	Luminarias Restaurant
9	6 p.m.	SEA Auxiliary Holiday Party	The Jonathan Club
12	2 p.m.	QAC Meeting	SEAOSC Offices
	4 p.m.	Existing Buildings Committee	SEAOSC Offices
13	5:30 p.m.	Tri-Counties Dinner Meeting	Big Yellow House
29		February Newsletter Deadline	

President's Message



We want to hear from you. One of the issues facing the Board is the recent low attendance at the monthly L.A. dinner meeting. Well-attended meetings provide an excellent forum for technical exchanges and business networking. To function in this capacity, we need to have a good turnout. So, the question is what topics would interest you enough to bring you to a meeting? In this issue is a questionnaire to help us put together a program that is meaningful to you as a member.

An item of interest to members is our new policy toward pricing of macro seminars and Practical Design and Detailing seminars. Under our new guidelines the fee difference between member and nonmember fees will be closer to a factor of two rather than a nominal

\$10 or \$20. The board feels the membership is underwriting the basic costs of the seminars, and it is not in the members' best interests to give the technical information away to nonmembers. There is also a concern that with only a small differential, nonmembers could occupy seats that would otherwise have been available to members.

Along these same lines, a more complete questionnaire will be conducted by the state organization as part of SEAOC's planning due to start next February.

Last but not least, have a happy holiday and next thing you know we will be one year into the millennium.

James Hill, President

In Memoriam

William T. Wheeler

Oct. 5, 1911 – Oct. 7, 2000

SEAOSC Honorary Member and civil engineer William T. "Bill" Wheeler passed away Oct. 7 in Pasadena.

Bill was born in Oklahoma but his family moved to California in 1922. He attended California Institute of Technology and received a degree in civil engineering. He married Evelyn in 1935; she pre-deceased him. He started Wheeler & Gray Consulting Engineers in 1946

and over the next 54 years, this company worked on many high-profile projects including Disneyland and Walt Disney World.

Two sons survive Bill: Richard F. Wheeler of Pasadena and Robert W. Wheeler of Durango, Colo. He is also survived by five grandchildren and five great grandchildren.

A memorial service was held Oct. 14 at Forest Lawn Glendale, Little Church of the Flowers.

EQ Architecture Researcher Seeks Examples

A current research project investigating earthquake architecture seeks case studies of any buildings featuring seismic resisting structure that is visually exposed. Attractive, innovative, interesting and or architecturally acknowledged examples are particularly sought. Seismically retrofitted buildings are also of interest. This research builds on the work reported at the 12th World Conference on Earthquake Engineering.

Contributors, please forward brief information on buildings, and include one or two images showing the exposed structure. Alternatively, please suggest any examples you think are worth following up. Provide as much information as possible to Andrew Charleson, Senior Lecturer, Building Structures, School of Architecture, Victoria University of Wellington, P.O. Box 600, Wellington, New Zealand. Email address: Andrew.charleson@vuw.ac.nz.

New members

SEAOSC welcomes its newest members:

Anderson, James E., *Industry Member*, Master Builders Inc., Henderson, NV

Bryson, Michael B., *Associate*, Robert Englekirk Inc., Los Angeles

Carlson, Pete, *Associate*, BKBM Engineers, Minneapolis

Dizaj, Giverg N., *Associate*, MGA Structural Engineering Cons., Glendale

Lao, Arturo B., *Member*, Teng Li & Associates, Pasadena

Skaggs, Thomas D., *Corresponding*, APA – The Engineered Wood Association, Tacoma, WA

Stay 'In the Know' -- Communicate Electronically!



**seaint@seaint.org
(Main list server open to engineers worldwide. Technical questions, general engineering subjects. 15,000 subscribers)**

E-MAIL LISTSERVERS

Want to communicate your thoughts to the Board of Directors or to a specific committee? Here's your vehicle! SEAOSC members (and non-SEA members) may send e-mail messages to any of the list servers shown here.

Each member of a particular list server receives any e-mail message sent to that list server. This saves sending separate e-mails to individuals one at a time. But remember, if you send an e-mail message to John Doe, who happens to be a Board Director, and you send it to board@seaint.org, ALL Board members will receive it. If you want only John Doe to see it, e-mail your message to his personal e-mail address, which might be something like johndoe@aol.com.

Those sending messages should remember that sending a message does not make the sender a *member* of that list server. Some lists are open to committee members/board directors only. This means that while a certain list may receive your message, you may not receive any responses unless the list member(s) e-mail you personally. In fact, list members may respond on the list server and continue discussing your topic, yet you may not see any of these posts unless the members of the list e-mail you personally.

To subscribe to any of these list servers, send an e-mail message addressed to

admin@seaint.org

In the *body* of the message type the words:

Join [*list server name*]

Example: "Join seaoamembers@seaint.org" or "Join [seaint](mailto:seaint@seaint.org)". (Do not use quote marks or a period after [seaint](mailto:seaint@seaint.org).)

Questions? Send e-mail to

Seaint-ad@seaint.org

All e-mail sent to seaint@seaint.org is released to the public and may be reposted without permission.

board@seaint.org (SEAOSC Board of Directors)
seaoamembers@seaint.org (SEAOC Board of Directors)
seaoamembers@seaint.org (SEAOC Bylaws Committee)
seaoamembers@seaint.org (SEAOC Committee Chairs)
seaoamembers@seaint.org (SEAOC Building Code Committee)
seaoamembers@seaint.org ('99 SEAOC Convention Plan
ing Committee)
seaoamembers@seaint.org (Open list for topics relating to SEAOC)
seaoamembers@seaint.org (SEAOC Publications Committee)
seaoamembers@seaint.org (Open forum relating to SEAOC Seismology Committee)
seaoamembers@seaint.org (Open list devoted to the computer side of structural engineering and closely tied to SEAINT Online.)
seaoamembers@seaint.org (SEAOC Existing Buildings Committee)
seaoamembers@seaint.org (National Council of SEAs [NCSEA] Board of Directors)
seaoamembers@seaint.org (NCSEA Computer Applications Committee)
seaoamembers@seaint.org (Delegates to NCSEA)

Make reservations online via the SEAOSC web page at the [seaint.org](http://www.seaint.org) website. Members are encouraged to utilize this method to expedite the reservation process.

Change your roster information yourself, check out the job forum and the salary survey and obtain referral information -- all at the SEAOSC web page at the [seaint.org](http://www.seaint.org) website.

SEAINT website address: <http://www.seaint.org>

SEAOSC e-mail address: seaoamembers@seaint.org

Advertisements

Grossman & Speer Associates, Inc. in Glendale is looking for new college graduates and structural engineers at all levels. We offer a modern office environment, flexible working hours and an opportunity for advancement. Send your resume. Fax: (818) 507-1556. Email: loyd@grossmanspeer.com

Li & Associates, Thousand Oaks, has positions open: senior engineer, designer and drafter. Applicant must have three years design experience in steel, concrete, wood and masonry. Industrial, commercial and school experience required. Firm provides excellent compensation and opportunity to grow. Call Joe at 805-495-3432 or fax resume to 805-495-4083.

An innovator in the field of engineered lumber seeks a structural engineer with experience in wood-frame construction. Requires strong technical and communication skills, plus multi-tasking ability. Team players email resume to neelemm@trusjoist.com or mail to: Marilyn, Trus Joist, 27042 Towne Centre Dr., Ste. 200, Foothill Ranch, CA 92610. (949)-616-1602

KLT Consulting Structural Engineers seeks licensed P.E. or S.E. for project engineer/manager position. Candidate must have five years experience in steel, concrete, wood and masonry (emphasis in concrete tilt-up). Familiarity with AutoCAD R14 needed. Send resume to Francis Lo, 3430 Irvine Ave., Newport Beach, CA 92660 or call (949) 263-1308.

VanDorpe Chou Associates Inc., Orange, has immediate openings for entry level and experienced structural designers for the design of Type V residential and commercial projects. Applicants must have good communication and computer skills. Fax resume to Bob at (714) 978-9788.

Wallace/SC, Inc. seeks structural engineer with five years experience in structural/seismic building design. Small branch office in Irvine. Commercial, retail projects nationwide. P.E./S.E. preferred. CMU, tilt-up, and movie theater building experience a plus. Send resume to cmh@wallacesc.com or fax (949) 753-5105.

K.B. Leung and Associates, Alta Loma, seeks a progressive structural design engineer with experience in wood, masonry, steel, concrete, design and detailing, familiar with 98 CBC requirements. P.E. preferred. Communication skills required. Fax resume to (909) 944-7983 or mail to 9320 Baseline Rd., Ste. D. Alta Loma, CA 991701.

Langston & Associates' Orange County office looking for personnel experienced in commercial-retail, industrial tilt-up, and/or custom residential design. Pay commensurate with experience. Fax Jim at (714) 830-8087. Email: Langston@Inreach.com.

<p>Tall Buildings Call for Papers</p> <p>The Los Angeles Tall Buildings Structural Design Council requests abstracts for papers for the 2001 Annual Meeting in May, 2001. The deadline for 250-word abstracts of papers to be considered for presentation at the meeting is Jan. 10, 2001. Authors will be notified in late January and papers are due by mid-March.</p> <p>Meeting topics: Challenges in new international tall buildings in wind and seismic regions; improvements and innovations in seismic design of tall buildings; performance-based design, lessons learned in tall building design and performance from recent earthquakes; trends in tall building research; innovations in tall building preservation and restoration; research and performance of connection details, and overall superstructure system selection and performance in tall buildings.</p> <p>Please forward abstracts and inquiries concerning exhibits, etc. to Los Angeles Tall Buildings Structural Design Council, 1660 W. Third St., Los Angeles, CA 90017; Phone: (213) 484-8950; fax: (213) 483-5550; email: bjasc@bjasc.com.</p>	

Advertisements, announcements and inserts are for the information of readers and are not intended as endorsements by SEAOSC.

Insert Logo Here

Myers, Houghton & Partners, Inc. has an immediate opening for a structural engineer with three years minimum experience in building and seismic design, including steel, concrete, masonry and timber. Investigative and "due-diligence" experience a plus. Registration as C.E. or S.E., together with excellent verbal and written communication skills required. Join a "cutting edge" professional environment in seismic and blast design and evaluation in MHP's conveniently located Long Beach Corporate headquarters. Long term growth position with competitive salary and full benefits. Mail or fax resume to:

Myers, Houghton & Partners, Inc.
Circle Business Center 1
4500 E. Pacific Coast Highway, Ste. 100
Long Beach, CA 90804

Phone: (562) 985-3200
Fax: (562) 985-1011
Email: gmyers@mhpse.com

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	James Hill*	562-426-4447	562-426-0979	calse@aol.com
President-Elect	Jack Bruce	213-897-3995	213-897-3159	jack.bruce@dgs.ca.gov
Vice President	Dan Novak	626-683-0066	626-683-0060	dnovak@aslce.com
Treasurer	Richard Hess	714-828-1365	714-236-4034	rlhess@hesseng.com
Secretary	Shirin Ader	562-695-2890	562-695-2890	projectconsults@aol.com
Immediate Past President	Brian Cochran*	310-207-6638	310-207-6188	blcochran@aol.com
Directors				
(* Delegate to SEAOC)	George Battey III	909-824-7210	909-824-7209	
	Dirk Bondy	949-595-8182	949-595-8184	dirkbondy@compuserve.com
	Albert Chen	213-312-3313	213-313-3399	chent@bv.com
	Saiful Islam	626-304-2616	626-304-2676	saiful@sbise.com
	Martin Johnson	714-734-4242	714-734-4272	mwj@eqe.com
	Michael Mehraïn	213-683-1560	213-996-2375	michael_mehrain@urscorp.com
	Fred Schott	805-544-1216	805-544-2004	fredschott@yahoo.com
	Melvyn Green*	310-792-9252	310-792-8092	mgreenassoc@earthlink.net
Committee	Chairperson	Phone	Fax	Email
Board Advisory	James Lai	818-790-0278	818-790-0279	jslaicse@earthlink.net
Building Code	Warren Minner	805-324-9724	805-324-3416	minner@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	310-353-2248	sandyp@sic-inc.com
House	David Corman	714-505-2751	714-505-1689	dcorman@ttengineers.com
Legislative	David Weiss	818-224-3973	818-224-3922	n/a
Membership	Juan Carlos Esquivel	213-483-2282	213-483-3084	jceqese@aol.com
Professional Practice	Les Tso	626-441-1211	626-411-1011	n/a
Program	Dilip Khatri	626-792-7906	626-792-2643	dkhatri@aol.com
	David Pomerleau	949-474-0502	949-474-1801	dpomerleau@fwcse.com
	Fred Schott	805-544-1216	805-544-2004	fredschott@yahoo.com
Public Relations	Cecil Teoh	310-646-2268	310-646-8107	cteoh@airports.ci.la.ca.us
Quality Assurance	David Breiholz	310-530-3050	310-530-0184	dave@bqe.com
Research	Farzad Naeim	213-483-6490	213-483-3084	farzad@johnmartin.com
Seminar/Professional Dev.	Jack Bruce	213-897-3995	213-897-3159	Jack.bruce@dgs.ca.gov
Seismology	Saiful Islam	626-304-2616	626-304-2676	saiful@sbise.com
Speakers Bureau	Herb Stockinger	909-595-0840	909-598-9204	herbstock@aol.com
Steel Structures	Peter Maranian	213-484-8950	213-483-5550	n/a
Younger Member	Yeuan Chou	213-368-7258	213-368-7227	n/a
	Jason Tani	805-499-4484	805-499-7303	jtani@ix.netcom.com
Website Administrator	Shafat Qazi	310-530-3050	310-530-0184	shafat@bqe.com

Structural Engineers Association of Southern California
5360 Workman Mill Rd.
Whittier, CA 90601

BULK RATE
U.S. POSTAGE
PAID
Van Nuys, CA
Permit No. 127