

Los Angeles Section

Monthly: Est. 1913

ORANGE / SAN_BERNARDINO/RIVERSIDE / SAN_LUIS_OBISPO / SANTA_BARBARA/VENTURA / DESERT / SOUTHERN SAN_JOAQUIN / METROPOLITAN LOS ANGELES

"When our memories outweigh our dreams, we have grown old."

— Bill Clinton

PRESIDENT'S MESSAGE

Rich Haller, P.E.
Section President



Happy New Year! On behalf of the Los Angeles Section Board, I would like to wish you and your family a Happy New Year! I'm excited about ASCE in 2006 and all the wonderful opportunities we have. **Could this be the year for infrastructure?** It could be with your help!

Armed with our Infrastructure Report Cards from throughout the state (Los Angeles, Orange, San Bernardino/Riverside, San Francisco Bay area, and San Diego counties) and pertinent funding facts, the four California Sections will travel to Sacramento (February 22nd) during Engineers' Week to **meet with our local legislators**. Our goals are to be infrastructure advocates, providing information for informed decision making and requesting increased funding closer to the minimum required. We are **seeking volunteers** to help establish long term relationships with legislators through Sacramento and local office visits. Interested? Contact **Mike Thornton, PE, M.ASCE** (mthornton@tkeengineering.com) who is coordinating the Section's efforts.

I hope you will join me in honoring our new **Life Member inductees** during a luncheon to be held in February (please see announcement within this issue). This is a great opportunity to meet leaders of our profession, understand your own opportunities and clarify your career path.

Where does the money come from? Where does it go? Did you know the Section has a budget of nearly \$250,000 this year? Your Section Board is responsible for establishing an annual budget consistent with the goals outlined in the Section's strategic plan. Revenues consist primarily of the Section dues paid by members, an allocation per member from ASCE National, donations, event payments, and grants from ASCE National. The majority of expenses consist of disbursements to the seven Branches, four Younger Member Forums, ten Student Chapters, the Life Member Forum, several committees, and Region 9 (the four CA Sections). Other expenses include contracted administrative and webmaster services (Gail Stewart Enterprises), contracted audit services, administrative and travel expenses, grant disbursements, event expenses, historic monument erection, and small donations to the Architecture, Construction & Engineering Mentoring and Future Cities programs. In addition, the Section will award scholarships totaling \$11,000 which are funded by interest earnings from a scholarship endowment fund. The Section Board takes its fiduciary responsibility very seriously working to obtain the best value for the money expended. Under new rules from ASCE National, we are conducting our first outside audit of the financial records; previous audits have been conducted by an Audit Committee.

Please **make a New Year's resolution to be active in ASCE this year!** There are many exciting opportunities available to you through your local Branch, Younger Member Forum, Life Member Forum, Technical Group/Committee or Student Chapter. If you have not already done so, be sure to **renew your ASCE membership**, including your LA Section membership. If not a member, please become a member; sign up at <https://www.asce.org/online/>.

Looking forward to seeing you in 2006!

*Happy New Year
To All!!!*

VOL_XLVI NO_1

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Reminder:

Copy deadline for the February 2006 issue is January 1, 2006; copy deadline for March 2006 issue is February 1, 2006.



Global Outsourcing of Civil Engineering

By Kimo Look, P.E.

All indications point to significant changes occurring in our profession. Most recently, the July 2005 issue of ASCE magazine featured a Special Report on the Civil Engineering Profession. The article entitled "Wanted: Civil Engineers" addresses:

Global Competition is On The Rise: "Globalization, however, is changing the civil engineering workforce in often unpredictable ways. U.S. Civil engineers increasingly find themselves in competition with engineering from all over the world."

Huge Workload And Opportunities: "ASCE's 2005 Report Card for America's Infrastructure states the nation's built environment continues to decline, suggesting that even greater numbers of civil engineers are needed"

I believe this is an article that should be read by any engineer who is actively managing his career. If you already tossed your July issue of ASCE but are interested in the article, drop me an e-mail and I'll send you a copy: KLook@projectpartners.com.

Want to learn more about globalization and the direction of our profession attend the **Civil Engineering Professional Development Conference** on February 25, 2006 at the Long Beach Convention Center. The Conference, co-sponsored by ASCE and a host of other professional societies, will explore changes into our profession and present strategies on how to effectively manage your career. For more information on the conference, go to www.ProjectPartners.com/careers.

LA Section Newsletter Article ref Thank You's for 2005 Conf Support

THANKS FOR THE SUPPORT

The 2005 Annual ASCE Conference, held here in LA in late October, focused on Visionary Leadership. It was very successful — thanks to many of you in the Los Angeles Section. Approximately 1,000 people had the opportunity to hear some of the finest Visionary Leaders in our Profession. They also had the opportunity to field visit some of the leading edge projects in our area.

Putting on the Annual Conference required a lot of work by a lot of people — from those involved with "planning" the conference starting 18 months before the event, thru the many involved in getting speakers, being speakers, arranging tours, doing tours, getting sponsors, marketing the event to civil engineers and C.E. students, putting together the Conference Newsletter, to the on-site volunteers who handled activities just prior to and then during the conference. At one point a few months before the conference there were over 150 items on the "punch list" of things needing to be done.

On behalf of ASCE and the 2005 Conference Steering Committee we want to say "THANK YOU" to all of you who were involved in any way.

Bob Bein, P.E (Chair), Carl Blum, P.E., Chuck Rendall, P.E. and Paul Taylor, P.E.

A New Beginning

We start 2006 with an announcement of a change in our newsletter. Beginning with the May 2006 issue, your newsletter will be delivered via the internet with postcards and e-mail notices sent out to subscribing members every month. Despite this impending change, our subscribing members will still have the option to opt out of the internet delivery by sending in a postcard indicating that they would like to continue receiving the newsletter's paper version. You will receive tear out postcards as inserts in the February, March, and April 2006 issues. These postcards need to be sent in to us so we can be properly advised of your intent to receive paper copies. If we do not hear from you within this transition period, we are assuming that you want to receive your newsletter in electronic form. As such, the delivery for non-respondents will automatically default to postcard reminders and e-mails. We are confident that this new delivery service will provide you with the best product in the most cost-effective way.

In this month's issue, we present to you several articles of interest including that of the controversial topic regarding the global outsourcing of civil engineering. We also remind you of a number of upcoming events such as the Life Member Brunch. We will have our ASCE National President Dennis Martenson, P.E., F.ASCE speak at this event. Note that our Section office needs your R.S.V.P. no later than February 10, 2006. We also highlight the Disaster Preparedness Committee's Volunteers Training to assist in the event of a major disaster. This is quite timely, in light of the disasters we have heard in the news in the past few months.

As we mentioned, the New Year is here. Our Section President has challenged us for the need to get involved in our Section's activities. Our volunteers are here to make the events lined up during the year happen. Make much use of your dues by participating. See you at the next ASCE event.

- Dr. Cris B. Liban, P.E.

California PE Seismic Exam Instructor Needed

The ASCE Metropolitan Los Angeles Branch Younger Member Forum (MLAB YMF) is looking for an instructor to teach the seismic portion of their PE exam review course that will be held from late January through mid-March of 2006. The time commitment required of the instructor is two nights: a Thursday night and then the following Tuesday night, from 6:30pm to 9:30pm. The course is held at the Los Angeles County Department of Public Works headquarters building in Alhambra. The specific Thursday night and Tuesday night dates are flexible. We can usually schedule around any conflicts that the instructor may have.

The venue supplies all the materials necessary, including a laptop with a Powerpoint application and projector, erasable white board with markers, overhead projector, etc. The class size is kept small, usually between 15 and 30 students. A stipend is provided to the instructor for their efforts.

**Please contact Serge Haddad, MLAB YMF President, at
213-473-6787 if interested.**

Younger Members Teaching Even Younger Students

By Julian Garcia and Serge Haddad

On the morning of Saturday November 19th, the MLAB Younger Member Forum (YMF) hosted an educational outreach event at Flournoy Elementary School in Los Angeles, as part of HOPE Worldwide's Child Development Program. With the assistance of the UCLA and USC Student Chapters, we were able to expose 3rd and 4th graders to the world of civil engineering, particularly with regard to structural design.

The students were broken up into groups of four and their goal was to build a structure that is at least 4 inches tall using toothpicks and gumdrops. Load-bearing capacities were then tested by placing textbooks on each of the structures until failure occurred. Students quickly learned that a "triangle" configuration of toothpicks is the most structurally efficient way to support weight. They also learned the importance of symmetry in a structure. Working in groups, communication was a key factor. At first, the students built parts of the structure alone. They later realized that all those pieces had to come together. This obstacle was overcome when the school kids began to coordinate. The winning structure held six textbooks before yielding to the load.

YMF has been participating in HOPE Worldwide's ongoing Child Development Program with elementary schools throughout the Los Angeles area for nearly two years. The goal of these events is to give elementary school kids a general understanding of the responsibilities of a civil engineer. This hands-on exercise demonstrates various aspects of civil engineering. This has become a yearly tradition from YMF and only shows signs of growth as more schools are added each year.

ASCE's 2005

Member-Get-A-Member Drive Depends on You!

A Great Idea From the Life Members

The ASCE Life Members' Public Image Committee request that members take their (to be discarded) Civil Engineering magazines to their doctor's office or barber shop and merge them with the stack of magazines. We feel that this will be an effective way to make the general public more aware of what civil engineers do.

CALIFORNIA GEOTECHNICAL ENGINEERS ASSN. ANNUAL LOSS PREVENTION SEMINAR

Continuing its tradition of offering a forum for sharing practical experience to Soils Technicians and Staff Professionals in the Geotechnical Industry, the California Geotechnical Engineers Association will once again be presenting its Loss Prevention Seminar on Saturday, January 28, 2006 at the Embassy Suites in Santa Ana. Our topics will include the following:

Joe Rogers – with over 34 yrs. of experience & currently retired from GMU Geotechnical, Inc., will be discussing Grading Site Safety, personal safety, test pit procedures, OSHA regs, and case histories.

Victor Anderson – is Chief for the Inspection, Compliance, & Enforcement section for the Radiologic Health Branch, California Dept. of Health Services. He will be presenting on the Safety and Security of Moisture Density Gauges.

Mike Moscrop, MSc, PE, GE – of GMU Geotechnical, Inc., will be presenting Geotechnical Case Histories highlighting a number of problems that resulted in costly litigation that could have been avoided.

Gary Masterman, PE, GE & Joe Rafferty PE, GE– Past President Gary Masterman & Joe Rafferty of Redwood Geotechnical Engineering will be bringing back the popular Mock Deposition and will demonstrate that what you say can be used against you in a court of law.

Please join us for what promises to be a fun and informative seminar!

Location: Embassy Suites • 1325 E. Dyer Rd., Santa Ana, CA 92705

Time: 9:00 am to 4:00 pm (breakfast & lunch provided)

Cost: \$110.00 CGEA Members \$165.00 Non-Members

Contact: t. (530) 344-0644 f. (530) 344-0834
e-mail: cgea@comcast.net

DISASTER TRAINING

Classes are being organized for volunteers to help in the event of a major disaster under the auspices of the State of California, Office of Emergency Services (OES). Classes will be held in alternate ASCE Branch areas when there are sufficient requests. Qualified individuals are California Registered Civil, Structural, Geotechnical, Certified engineering Geologists, or Architects. If you are interested in attending a class, or are interested in arranging a class, please contact the ASCE Disaster Preparedness Committee Chairman.

To register for the class submit your name along with your Telephone number, Fax number. Zip code, and Email address. You will be contacted when sufficient number of applicants request a class.

If your Branch, or Firm would like to offer the use of its facilities for a class, please register and provide the contact person, phone, Fax, and E-mail. You will be contacted to make arrangements.

Thank you for your support of the American Society of Civil Engineers.

Jack W. Rolston, Chair,
Disaster Preparedness Committee,
L A Section, A S C E
818-345-9199 818-345-5283 fx



4th International Engineering and Construction Conference
July 28, 2006 (8:00 a.m. to 7:00 p.m.)
 at California State University, Fullerton, California

SPONSOR: ASCE Los Angeles Section - International Committee
COSPONSOR: California State University, Fullerton
 Host: ASCE Student Chapter, California State University, Fullerton

CONFERENCE THEME

"Challenges in the completion of Civil Engineering Projects in a Global Setting-Lessons Learned and Successes Accomplished"

(1) CALL FOR ABSTRACTS (GENERAL)

Abstracts are solicited on a wide range of **international and domestic** engineering or affiliated scientific projects. *Topics may include but are not limited to: Engineering Analysis and Design; Advanced Technology, Project Management; Codes & Standards of Practice; Quality Control & Resource Constraints; Construction Engineering; Bidding & Contract Administration; Project Financing and Procurement; Risk Assessment and Management; Legal, Ethical and Cultural Issues; Environmental Impacts and Mitigation; Design/Build and/or Operate Projects, Scheduling and Project Delivery.* **Limit: 600 Words or less.**

Due Date for Abstracts: November 30, 2005

(Editor's Note: The deadline has passed when you receive this Newsletter. Call the organizer if still interested despite the passed date.)

Send abstracts via e-mail to: **Mr. Tim Hancuff, P.E., Program Chairman, County Sanitation Districts of Los Angeles County, 1955 Workman Mill Road, Whittier, CA 90601. E-Mail: thancuff@lacsds.org. Ph: (562) 699-7411, Ext. 1614.**

Authors will be notified of acceptance or otherwise of their abstracts by December 20, 2005. Full Papers, not exceeding 10 pages (12 Point, Single Space) including figures, tables, etc., are due by **March 15, 2006**. The papers are to be submitted as electronic files (MS Word) via E-Mail, on a diskette or CD-ROM, along with a hard copy. Conference proceedings will be prepared on a CD-ROM.

Technical Sessions: 8:30 a.m. -12:00 Noon and 1:30 p.m. - 5:00 p.m.

Plenary Session (12:00 Noon -1:30 p.m.): Luncheon and Keynote Address

8:00 a.m. - 7:00 p.m. EXHIBITS AND POSTER SESSIONS

5:15 p.m. -7:00 p.m. RECEPTION (ALL ATTENDEES ARE WELCOME)

(2) STUDENT PAPER CONTEST (Two Groups)

Participation in this competition requires students be currently enrolled at an accredited university/college taking at least 6 semester units. A letter from the Dean, Department Chair or Major Professor attesting to the student status must be submitted along with the paper. Papers are to be submitted as a word or text file (MS Word preferred) via E-Mail, on a diskette or CD-ROM, along with a hard copy. Papers shall be prepared on 8.5" x 11.0" pages, including figures, tables, etc. Type shall be 12 point, single space, with 1.0 inch margin on all the 4 sides. Two groups exist for this Student Paper Contest. Winners in both groups will receive cash awards and certificates and an opportunity to present their papers at the Conference. **Due Date for both groups: January 31, 2006.** See further details on the next page.

GROUP A: Individual Student Papers based on the following! topic:

Global Role of Engineers in Building a Peaceful World for Humanity in the 21st Century

This group of papers may be based on a generic thought process or any case study of an ongoing or completed (within the past one year) project or research/experimental work. They should emphasize how his/her paper/project would contribute towards building a peaceful world for humanity. **This is an individual student paper and no joint authors will be allowed.** Length of full paper for this contest shall not exceed three (3) pages, including figures, tables, etc.

GROUP B: Student Papers based on a project or research/experimental work.

This group of papers are to be based on a project or research/experimental work performed individually or with an academic advisor/ professor or a project leader. Length of full paper for this contest shall not exceed three (10) pages, including figures, tables, etc.

Send papers via US Mail or e-mail to: **Mr. Tim Hancuff, P.E., Program Chairman, County Sanitation Districts of Los Angeles County, 1955 Workman Mill Road, Whittier, CA 90601. E-Mail: thancuff@lacsds.org, Ph: (562) 699-7411, Ext. 1614.**

REGISTRATION

Registration Fee: \$150.00 (by 7/10/06); \$175.00 (after 7/10/06) (Includes Lunch, Reception and Proceedings); Spouse/Guest accompanied by a Full Registrant: \$25.00 (Includes Lunch and Reception). Full Time Students with valid Student LD: \$15.00 (Includes Lunch and Reception).

All attendees including speakers and moderators should register for the conference.

Cancellation Policy: \$25 Processing fee before 7/10/06, \$50 before 7/28/06, No refund on or after 7/28/06.

Name of Registrant(s):

Organization:

Address:

Phone:

Fax:

E-Mail:

Note: Please indicate if vegetarian meal is required:

Yes No

Total Amount: \$

Check No.:

Date:

All funds should be paid in U.S. Dollars by check or money order, made payable to ASCE-LA-International Committee. Mail the fee along with this registration form to: **Mr. Tim Hancuff, Program Chairman (Address given above)**

CONFERENCE SITE: California State University at Fullerton, University Conference Center, Titan Student Union, 800 N. State College Blvd., Fullerton, California. Campus is located west of Route 57 Freeway, between Nutwood Avenue and Yorba Linda Blvd. For a campus map and directions, please log on to: www.fullerton.edu.

Accommodation: Marriott Hotel - Located adjacent to the campus within walking distance, 2701 East Nutwood Ave., Phone: (714) 738-7800. Please call and ask for special Conference Rate. **Chase Suites** - Located one block down from the campus at 2932 Nutwood Ave., Ph: (714) 579-7400, Ext. 12, Please ask for special Conference Rate.

Local Attractions: The university is located within driving distance to many local attractions, including but not limited to: Disneyland, California Adventures Theme Park, Knotts Berry Farm, Medieval Times, Arrowhead Pond, Angeles Stadium, Wild Bills, Hollywood and Universal Studios. Call Calstate Fullerton Associated Students, Inc., at (714) 278-2468 for discount tickets.

Parking: Parking Lots A and B are located adjacent to the conference center. All day parking pass is available for \$5.00 at the yellow boxes located in the lot area.

For additional information, and to participate as Session Chairs or Moderators in the conference, please contact **Dr. C.T. Bathala, P.E., F. ASCE, General Conference Chairman,** Ph: 949-724-2994, FAX: 949-724-2256, E-mail: ct_bathala@dot.ca.gov.



The Los Angeles Section

Cordially Invites You and Your Spouse to

Life Member Brunch

February 25, 2006

In Honor of those members who have advanced to Life Member status in the society and in recognition of their career achievements.

Keynote Speaker:

ASCE National President, Dennis R. Martenson, P.E., F.ASCE

Members & Guests: \$25.00 per person

Table Sponsor: \$250.00 (4 seats for Sponsor & 6 for Honored Life Members)

Reception: 11:00am Brunch: 11:30am Program: 12:30 – 2:00pm

Reservation must be received no later than Friday, February 10.

Monterey Hill Steakhouse

3700 W. Ramona Blvd.
Monterey Park, CA 91754
323-264-8426

For reservations, please send checks to:

ASCE, Los Angeles Section
1405 Warner Avenue
Tustin, CA 92780

Return Coupon

Return to: ASCE, Los Angeles Section, 1405 Warner Avenue, Tustin, CA 92780

Attn: Christina Lucas Phone: 714-258-8306

Name (for nametag) _____ **Phone** () _____

Firm _____ **Fax** () _____

Address _____

City _____ **State** _____ **Zip** _____

Spouse / Guest Name(s) (for nametag) _____

My check for \$ _____ **is enclosed for** _____ **guests/members/table.**

Make checks payable to: ASCE, Los Angeles Section

Members & Guests: \$25.00 per person ❖ Table Sponsor: \$250.00

No Later than 2/10/06

Professional Development Conference

February 25, 2006
Long Beach Convention Center
Embracing The Future

Co-Sponsored by



ASCE
American Society
of Civil Engineers
Los Angeles Section

About The Conference

Dynamic changes and exciting opportunities are coming to civil engineering. Gain the knowledge, tools and strategies needed to manage and accelerate your engineering career.

Program Topics

- Global Outsourcing
- Emerging Southern California Jobs
- Developing Career Strategies
- Market Yourself
- Professional Societies and Your Career

Who Should Attend?

Everyone working in the civil engineering field interested in planning and managing their career.

Job Fair

Meet Consulting Firms And Public Agencies

Conference Information

Location: Long Beach Convention Center
Date: Saturday, February 25, 2006
Time: 8:00 am to 4:00 pm
Cost: \$45.00

Co-Sponsors

- ASCE
- APWA
- SWE
- UCLA - ASCE
- UCI - ASCE



Project Partners

For more information or to register visit www.ProjectPartners.com/Careers

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We're looking for a seasoned California PE with experience focused on subdivisions, site and land development, and public works projects. Knowledge of grading, drainage, hydrology, sewer, roadway and water system design, erosion control and permitting is required.

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San Luis Obispo, CA 93401

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Laguna Beach, CA 92607-7436
Telephone: (949) 582-3553
Fax: (949) 305-3352



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**2006
Short Course**

The Latest Developments in Environmental and Geotechnical IN SITU TESTING

Gregg In Situ, Inc. is pleased to announce the scheduling of two short courses on the latest developments in the use of In Situ testing with emphasis on cone penetration testing (CPT) in environmental and geotechnical site investigations.

These short courses will provide engineers and geologists with the knowledge and background to plan and supervise site investigations and to interpret CPT, SPT and PMT data. Emphasis will be given to recent advances and regulatory requirements in the area of liquefaction potential determination and remedial design considerations.



Earn
PROFESSIONAL
DEVELOPMENT
HOURS
(PDH's)
by attending.

Long Beach, California

Monday - March 6, 2006

Hilton Long Beach
701 West Ocean Blvd.
Long Beach, California 90831

8:30 a.m. to 5:00 p.m.
Registration/continental breakfast at 8:00 a.m.

Environmental or Geotechnical Short Course

COURSES ALSO OFFERED IN:

- SACRAMENTO: FEBRUARY 22ND
- OAKLAND: FEBRUARY 24TH
- SAN DIEGO: MARCH 7TH

Both Environmental & Geotechnical courses will be conducted simultaneously. Register for one course only.

COURSE INSTRUCTOR:

Peter Robertson, Ph.D.
Gregg In Situ, Inc.

FOR MORE INFORMATION:

Visit our website for details on course instructors, content, locations or to print additional registration forms.

Gregg In Situ, Inc.

Web Site: www.greggdrilling.com

Phone: (562) 427-6899

Fax: (562) 427-3314



2006 SHORT COURSE REGISTRATION FORM — LONG BEACH

Payment must be received by **Jan. 23, 2006** to qualify for early registration.

\$195.00 - early registration fee OR \$270.00 - late registration fee

Course Date: Monday - March 6, 2006

(Indicate course attending by checking the corresponding box. Register for one course only.)

Environmental Site Investigation OR Geotechnical Site Investigation

Mail/Fax your completed registration form to:

(Make checks payable to: Gregg In Situ, Inc.)

If faxing please include a copy of check

GREGG IN SITU, INC. ATTN: Maryann Keating
2726 Walnut Ave. E-MAIL: mkeating@greggdrilling.com
Signal Hill, CA 90755

Attendee Name: _____ Title: _____ Company/Agency: _____

Address: _____ City, State, Zip: _____

Phone: _____ E-Mail Address: _____

Payment information must be completed for processing: (Check one) My check # _____ in the amount of \$ _____ is enclosed.

Charge my credit card in the amount of \$ _____ AMEX VISA  Card number: _____ Exp. Date: _____

Card Holder Name: _____ Billing Address: _____

Registration fee includes seminar, reference materials, continental breakfast, lunch, break refreshments, and hotel parking. Class size is limited; early registration is advised. On-site registration will be on a space available basis. Gregg In Situ, Inc. reserves the right to cancel any seminar. If a course must be cancelled, a full refund will be issued. If registrant is unable to attend, a charge of \$75.00 for any cancellation within 10 business days of the seminar will be assessed. No refund for cancellation within three business days of the seminar will be offered. Notice of cancellation or substitution must be submitted in writing, listing attendee name and seminar date.



URS Corporation a global multi-disciplinary consulting firm has immediate openings for staff and project Engineers. The successful candidates must have a B.S. or M.S. degree in Civil Engineering with an emphasis in Geotechnical Engineering, and would possess strong organizational and communication skills.

Available positions will be based in Santa Ana, and will require some travel and field work.

URS offers a competitive salary and benefits package and unparalleled opportunity for professional growth.

All inquiries are handled in strict confidence. Qualified candidates please mail resume to Farid Motamed, URS Corporation, 2020 East First Street, Santa Ana, CA 92705 or e-mail farid_motamed@urscorp.com and apply online at www.urscorp.com. Please reference Requisition No. URS 7702 (Geologist) or URS 7762 (Project Geologist).

URS Corporation is an Equal Opportunity Employer (EOE) and strongly supports diversity in the workplace. M/F/V/D

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CE NEWS 2005

BEST #1 FIRM TO WORK FOR IN THE NATION

Founded in 1944, RBF's reputation and success are founded on our commitment to quality, professionalism and continuing innovation. When you join the RBF team, you will have the opportunity to collaborate with over 900 professionals and experts throughout more than a dozen offices in California, Arizona and Nevada. You will work on some of the largest, most complex and interesting development projects in the Southwest, from master plan communities, downtown revitalization and military base reuse, to innovative infrastructure design and construction.

We are currently seeking **Discipline Leaders, Project Managers, Civil Engineers and Designers** in the following disciplines:

**Construction Management • Flood Control/Drainage • Traffic Engineering
Water/Wastewater • Land Development • Transportation Planning
Transportation Engineering • Structural Engineering
Water Quality Management • Survey/Mapping/GIS**

RBF provides a vibrant, family-oriented environment in which we are each other's greatest resource. We provide exceptional opportunities for professional success, continued learning and personal growth. RBF offers excellent compensation and benefits packages, including 401(k), profit sharing and bonus plans, relocation assistance and ownership opportunity. We invite you to join our team, build your career with us, and make a difference in your life and professional practice!

Please visit our website www.RBF.com and send your resume to:
Fax: 949.472.8373
Email: hrmail@rbf.com

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Berryman & Henigar, Inc.
A Bureau Veritas Company
Salary: DOQ

Bureau Veritas/Berryman & Henigar, a municipal consulting firm providing inspection, engineering and compliance services to local governments, is recruiting civil engineers for projects in Southern California, including assignments at Inland Empire and high desert clients. *Bureau Veritas/ Berryman & Henigar* offers competitive compensation and benefits, and rewarding career growth opportunity.

Sr. Engineer/Project Manager must be California P.E., with 8 years experience in the design, review and management of transportation, water, drainage, roadway, and other public works projects.

Associate Engineer must have BSCE (P.E. preferred) and 5 years experience with streets, drainage, roadway, and related public works projects.

Civil Plan Check Engineer must have BSCE (P.E. preferred), with 5 years experience in land development and civil improvement projects design, review and/or management.

APPLY BY: Open until filled.

APPLY AT: Send resume to robert.mullins@us.bureauveritas.com.
Fax number is 858-451-1803. Bureau Veritas/Berryman & Henigar is an equal opportunity employer, AA/M/F/V/D.

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of the action. . .

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AND GEOLOGISTS**

Fugro has immediate openings in our California offices: Ventura, Oakland, Tustin, Roseville, San Luis Obispo, Santa Barbara, San Diego and Santa Clarita. We offer competitive salaries and benefits. For more details, please visit us at:

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**KATHEREEN SHINKAI, P.E.
JOINS
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(Santa Ana, California) – Katherineen M. Shinkai, P.E., has joined Carter & Burgess, Inc. as the Civil Engineering Group Manager of Site Development for the Orange County Office. Shinkai's efforts will focus on expanding the nationally recognized firm's Civil Engineering and Land Development practice in the Orange County region.

Prior to joining Carter & Burgess, Shinkai served as the Division Director and Project Manager for the Land Development Services at TRC in Irvine, California. Shinkai acted as the primary client contact responsible for meeting their objectives, resolving conflicts, responding to field conditions and completing the design and construction in a manner that is efficient, ethical and profitable. She is experienced in

managing various types of projects, including retail, commercial, residential, religious and institutional as well as the design, coordination, and AutoCAD preparation of plans for water, sewer, storm drain, street, rough grading, and precise grading.

In addition to her professional experience, Shinkai is actively involved with the American Society of Civil Engineers (ASCE) and with local universities in Orange County. She has received numerous awards and honors for her professional achievement, commitment, and dedication to the ASCE Los Angeles Section and Orange County Branch.

She was recently awarded the Outstanding Younger Civil Engineer of the Year for the Los Angeles Section.

Additionally, she has received recognition for her leadership in Student Activities for the OC Branch. Shinkai also received the Los Angeles Section Practitioner Advisor Award, and has been recognized numerous for her involvement in the Pacific Southwest Regional Conferences where she served as the Conference Advisor for UCI and CSUF.

She will also serve as the 2005/2006 ASCE OC Branch Younger Member Forum President.

Shinkai holds a bachelor's degree in Civil Engineering from the University of California, Irvine with a specialization in Structural Engineering. She is a registered Civil Engineer in the State of California.

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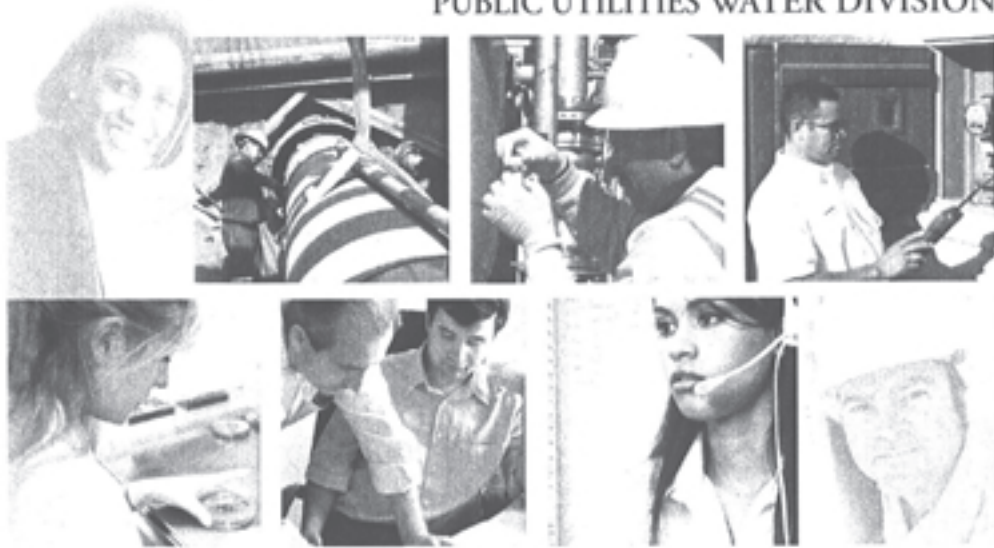
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