AMERICAN SOCIETY OF CIVIL ENGINEERS
SAN BERNARDINO & RIVERSIDE COUNTIES BRANCH
LOS ANGELES SECTION, REGION 9 - SINCE 1953

April 2014
NEWSLETTER

PRESIDENT'S MESSAGE

We are halfway into the ASCE fiscal year and I would like to take a moment to thank our Board and Committee Chairs (Stormwater, Geotech, YMF) for their hard work in coordinating the numerous events we have had this year. We have tried our best to provide a wide range of events and we thank all of you who have participated. For those of you interested in joining the Branch Board, we are opening nominations this month to fill next year's Assistant Newsletter Editor position.

This month we are having a joint meeting with the Riverside San Bernardino Section of ITE at the Old Spaghetti Factory in Rancho Cucamonga. The meeting will be held on April 17th and the speaker will be Mr. Zaki Mustafa who will be discussing the "Complete Streets" policy. It will be our first formal joint meeting with ITE in recent years and we hope to continue this effort for years to come. For our general meeting in May, Celeste Cantu, General Manager of SAWPA, will provide her perspective on the ongoing challenges with the statewide drought. These are interesting topics and we hope you are able join us.

Lastly, the updated annual awards program application is being circulated. Whether it be for one of your recent projects, or for those individuals in your company or agency that are doing outstanding work, I strongly encourage you to submit a nomination.

Sincerely,

Edwin Quinonez, P.E.

San Bernardino and Riverside Counties Branch President

This Month in Engineering History

Julianna Gonzalez

Back in 1895, proposals were made for an alternative to Huntington Drive which would provide a faster wagon connection between Pasadena and Los Angeles. In 1897, two additional proposals came forward: a scenic parkway and a commuter cycleway. The California Cycleway Company purchased a right-of-way from Pasadena to Avenue 54 in Highland Park, and constructed an elevated wooden bikeway which opened on January 1, 1900.

As the turn-of-the-century bicycle craze waned and Pacific Electric Railway connected Pasadena to Los Angeles, the bikeway was abandoned and torn down.

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LOS ANGELES SECTION, REGION 9

San Bernardino & Riverside Counties Branch – Geotechnical Committee

SoCal Inland Empire Geo-Institute Chapter

FOUNDED 2010

GEO-INSTITUTE

SoCal Inland Empire Chapter

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May 2014 Presentation

ASCE Inland Empire Geotechnical Committee

Soledad Mountain Road Landslide

Mike Miller

On the morning of October 3, 2007, a landslide destroyed portions of Soledad Mountain Road and 8 homes downslope. The landslide was preceded by signs of distress for several months prior to the actual failure; however, on the morning of October, 3, most residents were taken by surprise and were hurriedly evacuated from their homes.

The landslide occurred in an area of mapped ancient landslides and the area had been subject to earth movement (and repair) some 40 years earlier. The western flank of Soledad Mountain has a history of slope instability and significant mapping of this area is available.

The Soledad Mountain Road Landslide initiated years of investigation and litigation and ultimately resulted in a structural repair of the roadway and stabilization of the adjacent residential property.

The analysis causes, and ultimate repair of the landslide will be examined with a discussion of the history of grading in this area that ultimately led to the 2007, failure decades after the first repair.

Technical Presentation:

Date: May 14, 2014
Time: 6:00 - 6:45 PM Registration and socializing
6:45 - 7:15 PM Dinner
7:15 – 7:30 PM Sponsor Presentation – United Inspection and Testing.
7:30 – 8:30 PM Technical presentation – Mike Miller, G.E., Stony-Miller Consultants, Inc.
Location: Zendejas Mexican Grill, 8106 Milliken Avenue, Rancho Cucamonga
Sponsor: This presentation is sponsored by United Inspection and Testing
Cost: $30 members w/ RSVP, $35 non-members or no RSVP, $10 students
Registration and Additional Info: RSVP by May 12, 2014 to Jeff Waller at: jwaller@kleinfelder.com

Upcoming Events:
2014 CalGeo Annual Conference, May 1-3, 2014, Newport Beach, California
ASCE Inland Empire Geo-Institute Short Course, Mid-June 2014 (tentative), to be held at Cal Poly Pomona

Future Meeting Dates: We have not scheduled our meeting for the 2014-2015 year. Once the dates are selected, we will notify the Geo-Institute members.

Arroy Seco Parkway

...continued from page 2

Personal automobile use was on the rise, as the eight-year period from 1914-1922 saw the number of vehicle registrations in Los Angeles County quadruple.

The Arroyo Seco Parkway opened on December 30, 1940. The 6.7 mile long parkway was the first freeway in the United States to be built as a state highway and the first freeway west of the Mississippi. The Arroyo Seco Parkway became the new alignment for U.S. Route 66. Built during the Great Depression, construction of the parkway put a lot of people to work.

At the time, it was considered an engineering marvel, reducing travel time between Los Angeles and Pasadena from 27 to 12 minutes

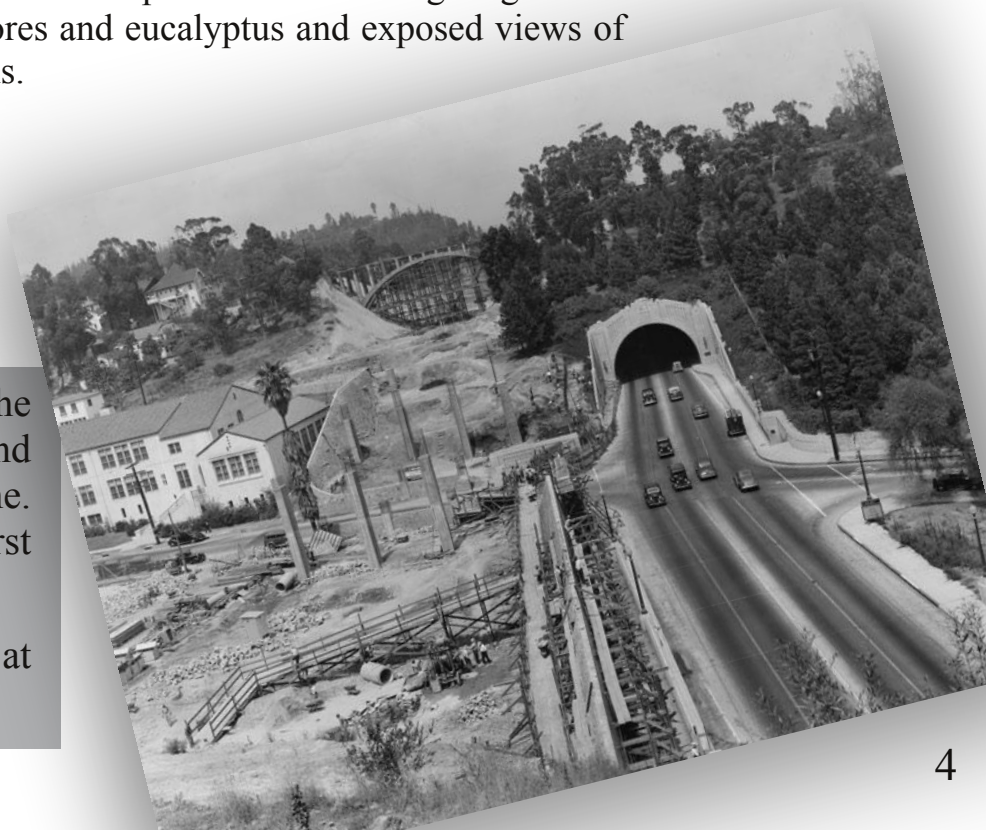
Trucks and buses were banned in 1943, although bus restrictions have been dropped. A 1953 southern extension connected it to the Four-Level Interchange in downtown L.A., linking it to the Hollywood, Harbor and Golden State Freeways.

The six-lane, six-mile long highway was designed for 27,000 automobiles a day. These days, it carries more than 122,000 cars daily.

The Arroyo Seco Parkway is one of only three “federal scenic byways” in California, and was designated by the American Society of Civil Engineers in 1999 as a historical engineering landmark.

All its original bridges are intact, as well as four others crossing the Arroyo Seco prior to construction: The 1895 Santa Fe Arroyo Seco Railroad Bridge (now part of the Metro Gold Line), the 1912 York Boulevard Bridge, The 1925 Avenue 26 Bridge, and the 1926 Avenue 60 Bridge.

With its landscaped embankments, limited access, and depressed roadway, Arroyo Seco Parkway became the prototype of the Los Angeles freeway system. Motorists enjoy a scenic drive featuring landscaped embankments lush with native chaparral. The curving alignment traverses a chain of small parks shaded by sycamores and eucalyptus and exposed views of the snow-capped San Gabriel Mountains.



“It takes courage to do a thing the first time, no matter how simple and obvious it may appear after it is done. And this, fellow citizens, is the first Freeway in the West.”

California Govenor Culbert Olson at the freeway's dedication.

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Local Employment Opportunities

The Survey Division of the Riverside County Transportation Department is currently recruiting for the position of Engineering Technician I. This position will perform various land surveying functions, both in the field and in the office. The job description for the position is available at the Riverside County Human Resources Department website: www.rc-hr.com/Careers/JobDescriptions.aspx

TKE Engineering, Inc. is seeking a Civil Engineer to join our dynamic team of professionals. The ideal candidate will have 2+ years of experience and be ready to work in a fast paced, professional environment under the supervision of senior staff. For more information, or to apply, please visit: www.tkeengineering.com/#!employment-opportunities/c16fg

LOS ANGELES SECTION, REGION 9

San Bernardino & Riverside Counties Branch

FOUNDED 1953

2013-14 Outstanding Achievement Awards

The San Bernardino & Riverside Counties Branch of the American Society of Civil Engineers has an annual awards program to recognize local outstanding projects and engineers. Nominations must be postmarked by April 30, 2014. Mail completed nomination forms and supporting information to:

San Bernardino/Riverside Branch ASCE
Annual Awards Program
Attn: Edwin Quinonez
1995 Market Street
Riverside, CA 92501

Award winners will be notified by May 15, 2014. The awards luncheon will be held at the Holiday Inn Ontario Airport on June 11, 2014.

All nomination forms and supporting documents are the property of the San Bernardino & Riverside Counties Branch and may be used at the Branch's discretion. Submittals will not be returned to the applicant. For additional information, please contact Edwin Quinonez at (951) 955-1345 or eequinonez@rcflood.org

The Branch has established the following awards for 2013-2014:

Individual Awards

Outstanding Civil Engineer in the Private Sector/Public Sector
Outstanding Younger Civil Engineer

These awards recognize individuals who best exemplify the civil engineering profession. The nominees shall be worthy of acknowledgement through their exemplary professional conduct, reputation, achievement, and contribution to the image of the civil engineer.

Each nominee must be an ASCE National member and a member of the San Bernardino & Riverside Counties Branch. The nominee must work and/or reside within the boundaries of the Branch for a minimum of 18 months prior to the award. Young Civil Engineer Awards nominees must be 35 years of age or younger as of the postmark date identified herein. Past recipients of these awards are not eligible.

Selection of the award shall be based on the following criteria: education and professional qualifications such as degrees held, projects completed, patents, publications, presentations, and teachings, professional qualities including society affiliations, offices held, leadership skills, professional conduct, reputation for service, character, integrity, contribution to the image of the civil engineer through community service, volunteer work, public education, honors and awards.

All applications for the individual awards shall include the following (total application packet limited to five pages); completed award program entry form, description of how the individual meets the above listed criteria (two page limit), biography or resume (one page limit), copies of the newspaper or journal articles and other supporting information, if applicable.

LOS ANGELES SECTION, REGION 9

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Project Awards

Outstanding Private Sector Civil Engineering Project

This award recognizes the engineering efforts of private sector consultants in the completion of outstanding civil engineering projects. This award is intended to recognize the efforts of the private sector to further advance the field of civil engineering through innovative concepts, research, and materials. Some of the criteria that can be used may include innovative approaches to funding the use of advanced technologies and materials, and the immensity of the project.

Projects will be evaluated based on the following criteria: innovative design and/or construction benefit to the community, project complexity and/or challenges, impact on physical environment, unique operation or maintenance, aesthetics. Any civil engineering project currently in use and completed within the previous 18 months is eligible. The project must be located within the boundaries of the San Bernardino & Riverside Counties Branch.

All applications for the Outstanding Private Sector Civil Engineering Project Award shall include the following: completed award program entry form, description of the project and how it meets the above listed criteria (two page limit), at least one color photograph or color photocopy of the project, copies of the newspaper or journal articles about the project, if applicable.

Outstanding Public Sector Civil Engineering Project

This award recognizes the engineering efforts of government organizations in outstanding government projects. This award is intended to recognize those projects that are completed by government agencies. Some of the criteria that can be used may include innovative approaches to funding the use of advanced technologies and materials, and the immensity of the project.

Projects will be evaluated based on the following criteria: innovative design and/or construction benefit to the community, project complexity and/or challenges, impact on physical environment, unique operation or maintenance, aesthetics. Any civil engineering project currently in use and completed within the previous 18 months is eligible. The project must be located within the boundaries of the San Bernardino & Riverside Counties.

All applications for the Outstanding Public Sector Civil Engineering Project Award shall include the following; completed award program entry form, description of the project and how it meets the above listed criteria (two page limit), at least one color photograph or color photocopy of the project, copies of the newspaper or journal articles about the project, if applicable.

(NOMINATION FORM ATTACHED)

LOS ANGELES SECTION, REGION 9

San Bernardino & Riverside Counties Branch

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Outstanding Individual Awards

OUTSTANDING CIVIL ENGINEER IN THE PRIVATE SECTOR:

Name: _____

Title: _____

Employer:_____

Address: _____

Phone:_____ e-mail: _____

On a separate sheet of paper, please provide the following information about the nominee; education and professional registration, work experience, professional and society affiliations, patents, publications and presentations, community service and public education, honors and awards.

OUTSTANDING CIVIL ENGINEER IN THE PUBLIC SECTOR:

Name: _____

Title: _____

Employer:_____

Address: _____

Phone:_____ e-mail: _____

On a separate sheet of paper, please provide the following information about the nominee; education and professional registration, work experience, professional and society affiliations, patents, publications and presentations, community service and public education, honors and awards.

OUTSTANDING YOUNGER CIVIL ENGINEER:

Name: _____

Title: _____

Employer:_____

Address: _____

Phone:_____ e-mail: _____

On a separate sheet of paper, please provide the following information about the nominee; education and professional registration, work experience, professional and society affiliations, patents, publications and presentations, community service and public education, honors and awards.

(The following must be completed with each nomination)

THIS NOMINATION HAS BEEN SUBMITTED BY:

Name: _____

Title: _____

Employer: _____

Address: _____

Phone: _____ e-mail: _____

All nomination forms and supporting documents are the property of the San Bernardino & Riverside Counties Branch and may be used at the Branch's discretion. Submittals will not be returned.

Please complete one form for each nomination.

LOS ANGELES SECTION, REGION 9

San Bernardino & Riverside Counties Branch

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Outstanding Project Awards

OUTSTANDING PRIVATE SECTOR CIVIL ENGINEERING PROJECT (Please select the category or categories below that are applicable to your project)

Project Name: _____

Project Address or Location: _____

Project Owner Name or Company: _____

Contact Person: _____

Address: _____

Phone: _____ e-mail: _____

On a separate sheet of paper, please describe the project, including any special features, innovations, and challenges. Consider all phases of the project, including planning, design, construction, and operation maintenance. Include information on the environmental impacts and public benefits of the project, a color photograph of the project and any articles from trade journals or newspapers about the project.

OUTSTANDING PUBLIC SECTOR CIVIL ENGINEERING PROJECT (Please select the category or categories below that are applicable to your project)

Project Name: _____

Project Address or Location: _____

Project Owner Name or Company: _____

Contact Person: _____

Address: _____

Phone: _____ e-mail: _____

On a separate sheet of paper, please describe the project, including any special features, innovations, and challenges. Consider all phases of the project, including planning, design, construction, and operation maintenance. Include information on the environmental impacts and public benefits of the project, a color photograph of the project and any articles from trade journals or newspapers about the project.

Award Category for ASCE Region 9 Consideration (please check (✓) all that apply)

	Airports & Ports Project
	Architectural Engineering Project
	Bikeways & Trails Project
	Bridge Project
	Community Improvement Project
	Construction Project
	Energy Project

	Environmental Engineering Project
	Flood Management Project
	Geotechnical Project
	Historical Renovation Project
	Parks & Recreation Project
	Roadway & Highway Project
	Small Project

	Structural Engineering Project
	Sustainable Engineering Project
	Transportation Project
	Urban or Land Development Project
	Water Project
	Water/Wastewater Treatment Project

(The following must be completed with each nomination)

THIS NOMINATION HAS BEEN SUBMITTED BY:

Name: _____

Title: _____

Employer: _____

Address: _____

Phone: _____ e-mail: _____

All nomination forms and supporting documents are the property of the San Bernardino & Riverside Counties Branch and may be used at the Branch's discretion. Submittals will not be returned.

Please complete one form for each nomination.

As long as he has just one lath left, a surveyor can never get lost. All he has to do is drive the lath into the ground and wait. Within half an hour, an equipment operator will come along and run over it.

12th International Symposium on Geo-disaster Reduction

5 - 6 September 2014, Fullerton, California, USA

ISGdR-12

About the symposium

College of Engineering and Computer Science at California State University, Fullerton in collaboration with Geo-Institute Los Angeles Chapter of the American Society of Civil Engineers are going to organize the 12th International Symposium on Geo-Disaster Reduction in Fullerton, California, USA on September 5th and 6th , 2014. This series of international symposiums has been an instrumental forum for the advancement of geo-disaster reduction. Geoscientists and engineers from the world have contributed and benefited significantly during these events in the past. The forthcoming event is going to be another building block to enhance the geotechnical engineering knowledge and to further understand geo-disaster reduction. All geoscientists and engineers working in the field of geo-disasters are kindly requested to submit their pre-registration form/s together with their details within the stated deadline. Your kind cooperation in this regard will greatly help the organizers plan and hold this important event successfully.

Symposium venue

The ISGdR-12 symposium will take place in Fullerton, California, USA. An optional field excursion will be organized from Fullerton to some interesting geo-disaster area within Los Angeles, Orange County and San Diego areas.

Symposium features

Following the past format of this symposium, thematic oral and poster sessions have been planned within a single venue. Parallel sessions will be avoided as far as possible in order to provide all participants an opportunity to learn from all presentations. There will be one keynote lecture and several invited lectures on Rainfall Induced Landslides, Earthquake Induced Landslides, Debris Flow Disasters, Disaster Awareness, Seismic Ground Shaking Associated Disasters, Climate Change, Floods, and Dams/Levees. Authors of selected papers will be invited for manuscript submission in the International Journal, *Geoenvironmental Disasters*.

Symposium program plan

09/05/2014 (Fri)	Inaugural program followed by technical sessions
09/06/2014 (Sat)	Technical Sessions and Symposium Wrap-Up
09/07/2014 (Sun)	Optional Excursion to Geo-disaster areas

Registration

All interested participants are requested to complete pre-registration form available in the website of ASCE Geo-Institute Los Angeles Chapter (www.LAGeoInstitute.com) and send it to conference secretaries. Details on registration fee will be provided in the second circular, and it will be decided on a basis of number of pre-registered participants and their suggestions. Registration fee will cover access to all presentation sessions, a copy of symposium proceedings, two dinners, lunches, and tea/coffee during the breaks. It does not cover the cost of excursion to geo-disaster area and hotel accommodations in Fullerton, California, USA.

Abstract submission

Download extended abstract template in MSWord format which is available in www.LAGeoInstitute.com. Save extended abstract as your surname.doc and submit online as instructed in the webpage. Deadline for abstract submission is June 15, 2014.

Climate

Climate in Fullerton, California, USA in September is pleasant but slightly warm. Mornings and evenings are often cold, but the day time is pleasantly warm.

Passport and visa requirement

All foreigners are generally required to have a valid passport and visiting visa to enter USA unless they are from the countries that have visa waiver program with USA. Interested participants are advised to contact the U.S. Embassy or Consulate office in their countries so as to find out the exact visa requirement and procedure to obtain the visitor visa. Please contact the conference secretariat for supporting documents and invitation letters.

Housing

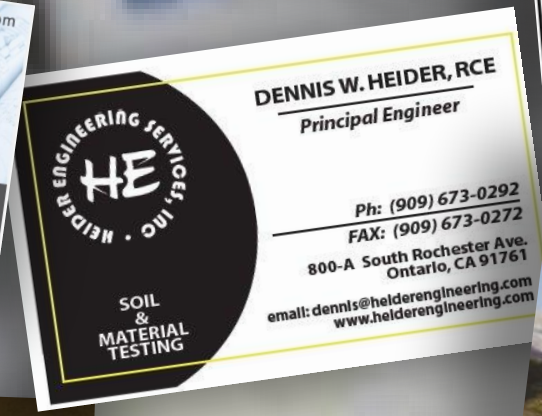
After receiving pre-registration forms, rooms will be reserved at Marriott Hotel at CSU Fullerton at a discounted rate for conference participants. Please visit www.LAGeoInstitute.com or contact the Symposium Secretariat for further details.

CALIFORNIA STATE UNIVERSITY FULLERTON
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

G-I ASCE GEO-INSTITUTE Los Angeles Chapter

FOR MORE DETAILS PLEASE WRITE EMAIL TO BINOD TIWARI AT btiwari@fullerton.edu
OR BEENA AJMERA AT bajmera@vt.eduOR SNEHA UPADHYAYA AT upadhyayasneha@csu.fullerton.edu

Professional Directory



Available Space

Please see contact information below to have your company's business card displayed here.

If you'd like to have your business card or company information listed in the Professional Directory, Please contact the Branch Treasurer, Steven Ledbetter, at (951) 680-0440 or sledbetter@tkeengineering.com

April 2014

April 11 YMF ASCE Membership Booth & Happy Hour

April 17 Joint Lunch Meeting with ITE

April 18 Catapult Community Service Ronald McDonald Loma Linda

April 24 Tech tour - I-15/I-215 Devore Interchange

April 30 Outstanding Achievement Award Applications Due

May 2 Order of the Engineer at Cal Poly Pomona

May 14 General membership meeting - California Drought

May 14 Geotechnical Committee Dinner Presentation

Membership Information

Type of membership and Annual Dues (national)

Students:	Free
Associate member:	$50 per year of baccalaureate degree and first year after, then incremental increases to $225 over five years.
Member:	$225
Affiliate:	$225
Section (Branch) Dues:	$45

National ASCE Student Membership is now FREE! Those who have chapters or clubs still must be a member of them before joining National. Log onto https://www.asce.org/online/, fill out the short application and instantly become a member of ASCE, or call 1-800-548-ASCE (2723)

Online Membership renewal available. Go to: https://www.asce.org/renewal/inforenewal.cfm. You need your membership number. All payments must be made with a major credit card. An e-receipt is transmitted to the member upon completion of the transaction.

NEWSLETTER INFORMATION

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