

AUGUST 2008 MEETING:
Thermal Analysis of Landfills

At the upcoming ASCE Luncheon, Jim Hanson, Ph.D., PE of California Polytechnic State University, will present the results of a long-term investigation related to thermal aspects of landfill performance.

A long-term study is underway at Cal Poly that has been funded by the U.S. National Science Foundation and partner landfills. The study was conducted to investigate thermal characteristics in municipal solid waste (MSW) landfills as a function of operational and climatic conditions. Spatial and temporal distributions of temperatures were determined at four landfills located in North America.

At the luncheon, experimental data and numerical predictions of landfill heat generation will be presented. An assessment of elevated and cyclic temperatures will be provided to address detrimental effects on long-term barrier performance. Methodology for modeling heat generation in landfills will also be presented.

Don't *trash* this great opportunity — be sure to mark your calendars and join us at AJ Spurs on Thursday, August 21 for an event that that won't *waste* your time!

AUGUST 2008 MEETING

LOCATION:

AJ Spurs
1760 El Camino Real
Grover Beach, CA

DATE & TIME:

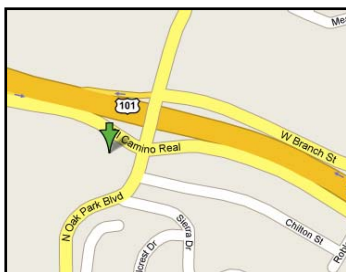
Thursday, Aug 21th
12:00 pm (Noon)

MENU:

Food will be your choice of Tip Serlion, BBQ Chicken or Vegetarian Plate and will include a beverage, soup, beans, salsa, salad, rice pilaf, bread and a rootbeer float.

RESERVATIONS:

Please sign up by 1:00 pm Friday, August 15th, at the Branch web site www.ASCESLO.org. For questions, contact Erin Westmoreland at (805)544-7407 or by email at erinw@cannonassoc.com. The cost is \$20 for members or guests and \$10 for student members.



PRESIDENTS PERSPECTIVE:
ASCE National

Have you ever been to the National ASCE website? If you have, great, I'm sure you found it very useful. If you haven't been there in awhile, let me just fill you in on all of the great things that can be found on this website.

On the website I first found an article on issues going on in the House of Representatives. The House just approved two bills for \$10 billion to fund deficient bridges and the Highway Trust Fund. These bills are now off to the Senate for approval. Over the past few years, National ASCE has working hard to identify the areas that are important to all civil engineers. One of these areas is keeping up with what is going on in politics. In the ASCE website, you can find in the Press Room a link to "Key Alerts" and "This Week In Washington". Key Alerts keeps you up to date with the Bills that will be going in front of the House and Senate in the near future and This Week in Washington keeps you up to date on what actually happened with these bills when they go to the House and Senate floors.

Earlier this year, ASCE National also launched SMART BRIEF. Smart Brief reviews articles from all over the United States about engineering projects and ways to help engineering companies. If you sign up, you will get an email everyday with the day's articles. This is a great way to stay on top of the major engineering projects that are going on all over the United States. I have provided the link to Smart Brief to register: www.smartbrief.com/asce.

There is much more to ASCE than just politics. ASCE is also there to help support your professional development by providing information on your specialty be it transportation, water resources, geotechnical, structural, etc. They provide documents for your specialty and forums for you to get your questions answered. They provide resources such as training opportunities and engineering documents. They also have an entire section devoted to kids and the programs that ASCE sponsors. These areas include programs such as Building Big and ExCEED. There is a link to engineering contests and competitions and a link to the various honors and awards that one could receive. Right now, ASCE is accepting applications for nominations for young (under 30) talented professionals who are already showing promise and making a difference in our profession.

Have you heard of Vision 2025? ASCE is committed to preparing the civil engineering profession for tomorrow's world. The publication *The Vision for Civil Engineering in*

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Visit the ASCE-SLO Website at:
www.ASCESLO.org

MEET THE MEMBER - EVAN LARSON



It is a pleasure to introduce this month's featured member Evan Larson, PE. Evan works for the city of Arroyo Grande, and lives on the beach in Grover Beach with his wife Alyssa.

Born and raised locally, he grew up in the wide open expanses between Lompoc and Buellton. After high school he moved to Colorado where obtained an inside knowledge of the construction industry through working in construction at framing, finish carpentry, and excavating. After a year, he moved back home and worked at an antique Ford auto parts dealer. His father, a Mechanical Engineer, had sparked Evans interest in fixing things during his childhood, and Larson had excelled at repairing their classic Fords. Buying some '57 Fords of his own transformed his hobby into his own successful 57-59 Ford parts business. He continued his

new business until he returned to school.

Growing up surfing at Jalama and Refugio beaches, Evan was drawn to environmental engineering by a concern for water quality. Following in the footsteps of both parents, Evan attended Cal Poly. He received a BS in Environmental Engineering, and a Masters in Civil/Environmental Engineering.

After graduating from Poly in 2003, he moved north to Walnut Creek to work at Parsons engineering assisting with environmental site clean-ups. After six months he returned to SLO to work at Boyle. While at Boyle he worked on the Cayucos water management plan update. In order to get the community "the most bang for their buck" he created accurate water consumption tables and helped them look to the future for their water allocation.

You can now find Evan at the city of Arroyo Grande designing roadways, sidewalks, pipes and other capital projects. He is currently working on sidewalk improvements for a *Safe Routes to School* project. With many projects under his belt at Arroyo Grande, he enjoys seeing people in his community benefit from his work. The City recently won an APWA award for the Elm Street Park picnic shelter replacement project for which he was

the project engineer. The local Kiwanis club had erected a pole structure many years ago, and Larson's team renewed it with a 44' diameter octagonal roofed building. Occasionally he returns to Elm Street Park to see people enjoying this project.

In his spare time, he enjoys the lucrative business of buying, fixing, and renting houses. He recently fixed up a 1920's bungalow in the Village of Arroyo Grande, which involved leaving the office at five to work into the late hours of the night. Many weekends and late nights were spent repairing foundations, walls, and roofing, but it has paid off since he and his wife now own a charming rental in the Village of Arroyo Grande.

~ Daniel Parker-King



ASCE/APWA JOINT TECHNICAL CONFERENCE

ASCE is proud to be partnering with the APWA Nevada Chapter to present a Technical Conference entitled "Partnering for Sustainable Infrastructure" in Lake Tahoe, October 1-3. Registration is now open at www.apwa-asce-fallconf.org. This conference will feature dual-track technical sessions, technical tours, an Octoberfest-themed banquet, a golf tournament and annual membership meetings. Please join us this Fall!

UPCOMING ASCE CONTINUING EDUCATION SEMINARS

In our continuing effort to enhance communications between ASCE's Regions, Sections, Branches and ASCE National, we are pleased to advise you of the following seminars:

- **Foundation Design for Dynamic Loads**
August 6-8 ~ San Francisco
- **Introduction to Tunnel Design and Construction**
September 17-19 ~ San Diego
- **HEC-HMS Computer Workshop**
August 7-8 ~ San Diego
- **Dam Breach Analysis Using HEC-RAS**
September 17-19 ~ San Diego
- **Design of Lateral Force Resisting Systems Using the 2006 International Building Code**
September 11-12 ~ San Diego
- **Water Hammer in Transmission and Distribution Systems**
September 18-19 ~ San Francisco

A complete list of upcoming seminars and detailed descriptions of the seminars (by title) are available on ASCE's national website at: www.ASCE.org/conted/seminars.

PRESIDENT PERSPECTIVE (CONT.)

(Continued from page 1)

2025 marks the culmination of almost five years of effort and represents the collective wisdom of more than 60 experts from around the world.

As you can see, ASCE is striving to provide us engineers with a website that helps us as engineers stay in tune with all that is going on in the world around us. This is a great resource that everyone can use. If you have just 10 minutes to spare, log on to www.ASCE.org and check out the items I spoke about above and many many more things.

Also, don't forget, if you want to get more involved next year with ASCE, a great way is to become an officer. Our President-Elect, Courtney Howard is looking to fill a few positions such as Vice President, Historian, and Secretary. If you are interested, please contact Courtney or myself and let us know.

Thanks and I hope to see you at our next meeting.

~ Kari Wagner

International Orthotropic Bridge Conference

The Sacramento Section of ASCE is pleased to host an International Orthotropic Bridge Conference, August 25-30, 2008, in downtown Sacramento.

Keynote speakers include: Mr. Charles Seim on Technology; Dr. Man-Chung Tang on Engineering, a Science or Art; and Dr. Kentaro Yamada on Japanese Steel Deck Bridges and Retrofitting Techniques.

Don't miss out on this extraordinary worldwide networking opportunity. For on-line registration and up to the minute conference information, please visit www.orthotropic-bridge.org or www.regonline.com/obc2008. We look forward to seeing you in Sacramento at the end of August.

UPCOMING EVENT - CIVIL 3D USERS GROUP

Please join us for the first AutoCAD Civil 3D User Group serving the Central Coast!!

From 4:00-6:00 on Tuesday August 22, RRM Design Group will be hosting a Civil 3D Users Group. Dinner will be provided.

U.S. CAD Technical Specialists will be speaking on: Key New Features in C3D '09, Civil 3D Survey, Pipe Design Basics, and Grading Design Tools.

The User group will take place at 3765 South Higuera Street, Suite 102 in San Luis Obispo. Hurry! Space is limited!!

Please RSVP to Jeff Rachel at 877-648-7223 or jeff.rachel@uscad.com

OTHER LOCAL EVENTS

If you have an event you would like posted at no cost, contact Syllas Cranor at 781-5260 or at scrantor@co.slo.ca.us.

The local chapter of the **American Public Works Association** meets on the second Wednesday of the month, every other month. For details, contact Jay Walter at jwalter@slocity.org.

The Central Coast Branch of the **California Land Surveyors Association** usually meets the second Thursday of each month. Contact Rochelle Vierra at 549-3461 or Rochelle_Vierra@dot.ca.gov for more information.

Cal Poly's **Society of Civil Engineers (SCE)** welcomes local professionals to its regular meetings held alternate Wednesdays at 7:00 pm in Room 13-118. For further information, contact Kari Wagner (kariw@WallaceGroup.us) or Jeff Spannbauer (jeffs@cannonassoc.com).

The Central Coast Chapter of the **International Code Council** meets the first Thursday of the month at Margie's Dinner. Contact Sylvia Aldana at 781-4671 or saldana@co.slo.ca.us for information.

The **American Institute of Architects** meets the 3rd Wednesday of each month at Vista Grande Restaurant (Cal Poly). For information, call Jeff Enrick at 549-8658.

Engineers Without Borders meets on the second Wednesday of each month at Noon. For further information, contact Natalie Ergish at 547-5605 or Secretary@ewb-slo.org.

The **Central Coast Geological Society** meets every second Tuesday. For information, contact Lou Blanck at 542-4626.

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