



The Border Civil Engineer El Paso Branch Newsletter



SEPTEMBER 2012

PRESENTATION on:

SUSTAINABLE WATER TREATMENT SYSTEMS

BY: Shane Walker, Ph.D.
University of Texas at El Paso

INSTALLATION of:

New 2012-2013 Officers
BY: Ralph O'Quinn, P.E.

2011-2012 ASCE Texas Section President

PRESENTATION of:
Awards and Honors

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DATE:

Wednesday, September 26, 2012

LOCATION:

The State Line - 1222 Sunland Park Drive

TIME: 11:30 a.m.

COST: \$20 for ASCE Members
\$10 for Students

RSVP: to Jackie or Adrienne by 12:00 pm on Monday,
September 24th at quantum@qeceng.com or
(915) 532-7272

ASCE EL PASO BRANCH GOALS

1. Promote Civil Engineering
2. Increase Meeting Participation
3. Give back to the community
4. Improve Branch Operations
5. Support the UTEP Chapter



2012-2013 SLATE OF OFFICERS

PAST PRESIDENT - KATRINA M. MARTICH, P.E.

PRESIDENT - ROBERT A. GONZALES, P.E.

PRESIDENT ELECT - YVONNE CONDE, P.E.

TREASURER - WENDY M. ARREDONDO, E.I.T.

SECRETARY - MARVIN GOMEZ, P.E.

SECTION DIRECTOR 2011-2013

ISABEL VASQUEZ, P.E.

BRANCH DIRECTORS 2011 - 2013

CHRIS NANCE, P.E.

JOSE REYES, P.E.

BRANCH DIRECTORS 2012 - 2014

ROXANNE MEDINA, P.E.

THOMAS VICK, P.E..

El Paso Branch ASCE is accepting reservations for the:

September/2012– June/2013
Newsletter Announcements

Price before October 1, 2011 is \$100 for 10 issues. After October 1, the price is \$15/issue. To reserve, send an email along with your electronic business logo/e-card to wbarron@qeceng.com

UPCOMING EVENTS

SEPTEMBER

26 ASCE GENERAL MEETING - THE STATE LINE (1222 SUNLAND PARK DRIVE),
11:30 a.m.

OCTOBER

5 2012 ENGINEERING SEMINARS—RENEWABLE ENERGY TECHNOLOGY &
CYBER/ENERGY SECURITY: 9:00 a.m.—4:00 p.m. Municipal Services Building
7968 San Paulo, El Paso, TX

El Paso Branch Officers

President

Katrina M. Martich, P.E.

Martich Professional Services

kmartich@martichps.com

President-Elect

Robert A. Gonzales, P.E.

Quantum Engineering Consultants, Inc.

quantum@qeceng.com

Treasurer

Yvonne Curry, P.E.

Conde, Inc.

ycurry@condeinc.com

Secretary & Newsletter Editor

Wendy M. Arredondo, EIT

Quantum Engineering Consultants, Inc.

wbarron@qeceng.com

Section Director (2011-13)

Isabel Vasquez, P.E.

Huitt-Zollars

ivasquez@huitt-zollars.com

Past-President

Gilbert Andujo, P.E., C.F.M.

Parkhill, Smith & Cooper, Inc.

gandujo@team-psc.com

El Paso Branch Directors

2010-12

Marvin H. Gomez, P.E., C.F.M.

Moreno Cardenas, Inc.

mgomez@morenocardenas.com

2010-12

Roxanne Rivera-Medina, P.E.

Huitt-Zollars

rrivera@huitt-zollars.com

2011-13

Jose Reyes, P.E.

jorey02@aol.com

2011-13

Chris Nance, P.E.

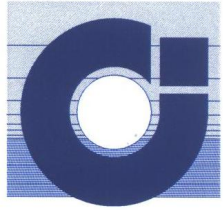
Parkhill, Smith, and Cooper, Inc.

cnance@team-psc.com

El Paso Branch Mentor

Ramon Lara, P.E.

Retired



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ASCE UTEP STUDENT CHAPTER TO HOST THE 2013 TEXAS-MEXICO REGION STEEL BRIDGE COMPETITION

THE UNIVERSITY OF TEXAS AT EL PASO STUDENT CHAPTER OF ASCE WAS SELECTED AT THE TEXAS SECTION SPRING MEETING BY THEIR FELLOW STUDENT CHAPTERS TO HOST THE 2013 STEEL BRIDGE TEXAS-MEXICO REGIONAL COMPETITION. CONGRATULATIONS TO THE STUDENT CHAPTER FOR BEING SELECTED. THE UTEP STUDENT CHAPTER

WILL NEED SUPPORT NOT ONLY FINANCIALLY BUT ALSO FOR THE REQUIRED EQUIPMENT, STAFF, AND EVENT ORGANIZATION. ANYONE WHO IS INTERESTED IN VOLUNTEERING OR IN PROVIDING FINANCIAL SUPPORT, PLEASE CONTACT WENDY ARREDONDO AT (915) 532-7272 OR VISIT THEIR WEBSITE <http://utepasce.wix.com/2013tx-mxregionalsbc> FOR MORE INFORMATION.

WELCOME TO THE HOMEPAGE FOR THE

2013

STEEL BRIDGE TEXAS-MEXICO REGIONAL COMPETITION

Important Dates:	
Aug 7 to Dec 7	Registration Open
Dec 8 to	Late Registration
Jan 18	3PM-12AM Team/Individual Check in
	6PM - 8:30PM Judges Meeting
	7PM-9PM Captain's Meeting

ASCE UTEP Student Chapter and El Paso Professional Chapter is proud to be the host for this event and is working hard to provide the best of service to our visiting participants. We want to create a pleasant stay and a competition to remember. Expect updates on this site and feel free to contact us. Good luck to all the schools participating!



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Manager/Principal Engineer

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INSTRUCTED BY

Ralph Martinez, PhD

Director,
Regional Cyber and Energy Security (RCES) Center

Salvador Cordero

Risk Management Manager, RCES Center

Mike Coop

CEO & Founder, ThinkSmartGrid, LLC.

SEMINAR DETAILS

Friday October 5, 2012
9:00 a.m. – 4:00 p.m.

Municipal Services Building
7968 San Paulo
El Paso, TX

Price: \$199

Late Registration (after Sept 28): \$239

Lunch Included

TOPICS COVERED INCLUDE

- Smart Grid Domains
- Overview of Bulk Generation, Transmission, Distribution, and Operations
- Renewable Energy Technology
- Modeling and Simulation of Renewable Energy Systems
- Performance and Cost Benefit Analysis
- Cyber and Energy Security Overview
- Cyber Security Threats and Defense Mechanisms
- Energy Security Characteristics
- Electric Power Grid Modeling
- Summary and Future of Renewable Energy Resources

HOW TO REGISTER

Online: ppp.utep.edu

Phone: 915.747.5142

In Person: Kelly Hall 102

Course Code: 12FXEN3010

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FOR IMMEDIATE RELEASE:

CONTACT:

Jan R. Prusinski

Cement Council of Texas

Phone: 817-540-4437; Fax: 817-545-7254

Email: jprusinski@cementx.org; Web: www.cementx.org

Cement Council Announces Road Recycling and Stabilization Seminar Series

*Experts Will Detail Cost Savings and
Best Design/Construction Practices*

Hurst, TX – The Cement Council of Texas (CCT) will hold its “Best Practices for Pavement Recycling and Soil Cement Solutions” seminars at six locations throughout Texas in 2012.

The seminars will provide transportation agency engineers and field personnel, consultants, contractors, and equipment/material suppliers, with the latest knowledge on:

- Recycling failed asphalt pavements with full-depth reclamation at a fraction of the cost of replacement,
- Utilizing local cement-treated aggregate sources (like recycled asphalt pavement, crushed concrete, or nearby marginal aggregates) for base, in lieu of more expensive, distant aggregates.
- Stabilizing problematic subgrade clay and sandy soils with cement, to reduce construction time and cost.

CCT Executive director Jan Prusinski states that “these seminars will help any local agency or TxDOT district to fully utilize the cost and resource saving options of cement stabilization, resulting in immediate cost savings, and long-term road performance improvements.” He notes that the techniques taught are especially critical in South and West Texas, where dramatically increased oil and gas field activity is crumbling local roads not designed for heavy industrial traffic.

The locations and dates of the seminars are as follows:

- Victoria - September 11th
- Corpus Christi - September 13th
- Buda/Austin - October 2nd
- Midland - October 4th
- DFW - October 9th
- Tyler - October 11th

Attendees will receive numerous useful publications and design/construction tools. Six PDH credits will be awarded for participation. More information and online registration is available at www.cementx.org/RecyclingRoads2012.

About the Cement Council of Texas

The Cement Council of Texas (www.cementx.org) is a non-profit trade association representing the manufacturers of portland cement in Texas. Its headquarters is in Hurst, TX. In 2012, it is celebrating 25 years of service to the industry. The Council provides technical, educational, and promotional services to the engineering and construction community for cement and concrete applications in Texas. For more information, contact Jan R. Prusinski, executive director (jprusinski@cementx.org, 817-540-4437).