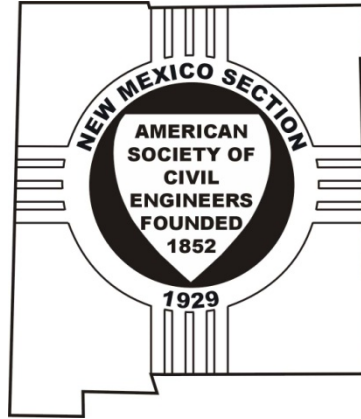


NEW MEXICO SECTION OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS



FALL 2016 MEETING ASCE INITIATIVES: HOW THEY APPLY TO YOU AND YOUR WORK September 22-23, 2016

UNIVERSITY OF NEW MEXICO
Science and Technology Park
851 University Blvd SE, Albuquerque, NM

NEW MEXICO SECTION OFFICERS

Amanda White	President
Peter Martin	President-Elect
Lambis Papelis	Vice-President
Roy Gibson	Director
Walter Gerstle	Past-President
Jerry Parker	Executive Secretary/Treasurer
Lambis Papelis	EWRI Chair
Fernando Moreu	Structures & Engineering Mechanics Chair
Meghan McDonald	Transportation, Geotechnical, & Construction Co-Chairs
Michelle Mann	Younger Member Chair
---	Southern Branch President
Andreas Linnan	Northern Branch President

FALL 2016 MEETING – NEW MEXICO SECTION OF ASCE

THURSDAY, SEPTEMBER 22

- 3:00 – 5:00 PM **SOUTH SIDE WATER RECLAMATION PLANT (SWRP) TOUR**
4201 2nd Street SW – Take I-25 south to the Rio Bravo exit. Turn right to go west on Rio Bravo. Go to the third stoplight (2nd St) and turn left to go south. The treatment plant is a quarter miles from Rio Bravo on the right side of the road. Stop at the Guard Station and the guard will direct you the starting location under the tall, beige water tower.
- 5:00 – 6:00 PM **NM SECTION BOARD OF DIRECTORS MEETING**
UNM
- 6:30PM **DINNER** (All conference participants and guests are welcome)
TBD

FRIDAY, SEPTEMBER 23 – 8 PDH TOTAL

UNM Science and Technology Park

- 7:00 – 7:50 AM PAST PRESIDENT’S BREAKFAST** (Rotunda – 801 University)
Walter Gerstle, P.E., Presiding
- 7:30 – 8:10 AM **REGISTRATION** (Rotunda)
Danishes and Coffee
- 8:00 – 8:10 AM GENERAL SESSION** (Rotunda)
Amanda White, P.E., ASCE NM Section President
Opening remarks and general announcements
- 8:10 – 8:40 AM **NATIONAL & REGIONAL NEWS** (Rotunda)
Jerry Paz, P.E., ASCE Region 6 Governor
- 8:45 – 9:45 AM TECHNICAL SESSION 1 – JOINT** (Rotunda)
Peter Martin
“ETHICS SHORT COURSE”
- 9:45 – 10:00 AM **REFRESHMENT BREAK** (Rotunda)
- 10:00 – 11:30 AM **TECHNICAL SESSION 2 – JOINT** (Rotunda)
10:00 Kenneth H. Rosenfield, P.E. F. ASCE, Member, ASCE Raise the Bar Initiative Committee
“Introduction to Raise the Bar”
10:20 Panel Discussion featuring Kenneth Rosenfield as well as: Julie Samora, PE, Vice-Chair, Professional Engineering Committee for New Mexico Board of Licensure; Timothy Ross, PE, PhD, University of New Mexico, and others.
“Raise the Bar – An ASCE Strategic Objective”
- 11:30 AM-1:00 PM **2016 SPRING LUNCHEON** (Rotunda)
Student Awards
Installation of Officers
Keynote Speaker: David D. L. Mascareñas
“Agile Infrastructure Health Monitoring Solutions to Address Rapid Urbanization, both Domestically and in the Development World”

1:15 – 2:45PM

TECHNICAL SESSION 3 – JOINT (Rotunda)

1:15 Larry Pierce, Former Chair, San Diego ASCE Report Card Committee; Past ASCE Region 9 Governor; Member, ASCE Committee on America’s Infrastructure, “*ASCE Report Card*”

2:00 Dr. Mahmoud Reda Taha, Professor and Chair, UNM Civil Engineering, Director: UNM Resilience Institute

“*UNM Resilience Institute: The Opportunity, The Challenge and The Needs*”

2:45 – 3:00 PM

REFRESHMENT BREAK (TBD)

3:00 – 5:00 PM

TECHNICAL SESSION 4 – CONCURRENT TRACKS

TRACT A (TBD)

Environmental & Water Resources Institute, Moderator: Dr. Lambis Papelis

3:00 Erek Fuchs, Elephant Butte Irrigation District
“*TBD*”

3:40 Tyler Ashton, Wilson and Company
“*TBD*”

4:20 Jacob G. Mortensen, Ricardo Gonzalez-Pinzon, Clifford N. Dahm, Jingjing Wang, David J. Van Horn, University of New Mexico and Lydia H. Zeglin, Kansas State University
“*Advancing the food-energy-water nexus: Closing nutrient loops in arid river corridors*”

TRACT B (TBD)

Structures & Engineering Mechanics Group, Moderator: Dr. Fernando Moreu

3:00 Dr. Donghyeon Ryu; Assistant Professor; Department of Mechanical Engineering; New Mexico Tech; Socorro, NM

“*Multifunctional Structural Composites for Self-Powered Damage Detection*”

3:40 Dr. Ronald B. McPherson; ASCE Life Member; NMSU Civil Engineering Department, Retired; Las Cruces, NM

“*Ancient Greek Contribution to Engineering Mathematics*”

4:20 Dante Zuniga, Structures Supervisor, BNSF Railway; Belen, NM

“*Railroad Bridges Engineering and Operations in the Southwest*”

TRACT C (TBD)

Transportation, Geotechnical & Construction Group, Moderator: Michelle Mann

3:00 Naomi Gaede, Pavement Engineer, New Mexico Department of Transportation, Santa Fe, NM

“*Use of Ground Penetrating Radar Technology to Assess Pavement Conditions*”

3:40 Jeffrey Clark, P.E., Senior Geological Engineer, Golder Associates, Albuquerque, NM

“*Experiences with Geosynthetic Reinforced Soil-Integrated Bridge System Abutment Construction – NM419*”

4:20 TBD

“*TBD*”

FALL 2016

ASCE-NM SPRING CONFERENCE

Looking Forward to the Future with ASCE Initiatives and New Technologies

University of New Mexico
Science and Technology Park
851 University Blvd SE, Albuquerque, NM

September 22, 2016 & September 23, 2016

NAME: _____

FIRM: _____

PHONE: _____

E-MAIL: _____

Registration:

Member	\$135.00 x _____ = _____
Non-member	\$160.00 x _____ = _____
Speaker	\$110.00 x _____ = _____
Student	\$15.00 x _____ = _____
Luncheon Guest (Friday)	\$30.00 x _____ = _____
Total	_____

Section Members are those members who paid their NM Section dues with their National Renewal for the 2016 calendar year.

For planning purposes, please indicate the following:

I will attend the construction site tour Thursday afternoon yes no (circle one)

I will attend the NM Section dinner Thursday evening yes no (circle one)

(Note: cost of dinner NOT included in registration)

I will bring _____ guest(s) to dinner Thursday evening

I will attend the past-President's breakfast Friday morning yes no (circle one)

Make checks payable to "ASCE New Mexico Section" and mail with this registration form to:

ASCE New Mexico Section
5030 Justin Drive, NW
Albuquerque, NM 87114

Or register on-line at:

<http://www.eventbrite.com/e/asce-new-mexico-section-fall-conference-tickets-27377958210>