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,
Michelle Mann   & Construction Co-Chairs
---              Younger Member Chair
Andreas Linnan  Southern Branch President
---              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 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”
4:20 TBD “TBD”
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