



New Mexico Watershed and
Dam Owners Coalition
2021 Conference and Business Meeting
September 29th - October 1st, 2021
Raton, NM

Healthy Watersheds, Extreme Precipitation, Safe Dam O&M, and How To Fund It

Wednesday, September 29th

Registration (8:00 – 11:45, 1:00-1:30)

Workshop #1: Dam Maintenance 101 (9:45-4:45)

- 9:00 **Dam Maintenance 101 Workshop (9:00-11:45)**
Chuck Caruso, PE, Agrimex
- 10:00 Break in the Sponsor Expo Area (10:00-10:30)
- 11:45 Lunch on your own in gorgeous Raton, NM (11:45-1:15)
- 1:15 **Dam Maintenance 101 Field Workshop (carpool) (1:15-4:45, meet outside)**
Chuck Caruso, PE, Agrimex

Workshop #2: Hydrologic Design (1:15-5:00)

- 1:15 **The Next Generation of Hydrologic Design Guidelines for New Mexico Dams**
Greg Richards, PE, Gannet Flemming Inc
- 3:00 Break in the Sponsor Expo Area (3:00-3:30)
- 5:00 Adjourn Workshops (*to Colfax Ale Cellar!*)

Thursday, September 30th

Registration (7:00 – 9:00)

- 7:00 Breakfast (Dining Room)
- 8:00 **Host Welcome**
Mayor Neil Segotta Jr., City of Raton
- 8:30 **State of New Mexico Dams Address** (Pre-recorded)
Charles Thompson, PE, Dam Safety Bureau Chief, Office of the State Engineer
- 9:00 **The Effects of a Warming Climate on Extreme Precipitation Events in New Mexico**
Bruce Thomson, PhD, PE, AMAFCA Board of Directors
- 9:30 **New Mexico Legislature Update**
Representative Jack Chatfield, New Mexico District 67
- 10:00 Break in the Sponsor Expo Area (10:00-10:30)
- 10:30 **Update from the National Watershed Coalition**
Zack Libbin, Chuck Easterling for Dan Sebert, PhD, National Watershed Coalition
- 10:45 **Federal Watershed and Dams Partner Panel** (Zoom)
NRCS-USDA – Ayana Brown, Natural Resources Conservation Service
USACE – Devon Aldridge, Army Corps of Engineers
BOR - Gary Macrae, Bureau of Reclamation
- 11:30 **Colorado 2013 Flooding and other lessons learned**
Bill McCormick, PE, Chief Dam Safety Branch, Colorado
- 12:00 Lunch (12:00-1:00, Dining Room)
- Keynote Speaker:** Senator Pete Campos, New Mexico District 8



New Mexico Watershed and
Dam Owners Coalition
2021 Conference and Business Meeting
September 29th - October 1st, 2021
Raton, NM

Healthy Watersheds, Extreme Precipitation, Safe Dam O&M, and How To Fund It

2 Thursday afternoon options: Field Tour or presentations on Funding Opportunities

Field Trip (1:15-5:00, meet outside) (carpool)

- 1:15 **Tour Sugarite Canyon, Lake Maloya Dam, Lake Dorothy and Segerstrom Creek – Dam and Watershed Improvements for Raton’s Primary Drinking Water Source**

Scott Berry, PE, Manager, City of Raton
Terry Sykes, General Manager, Raton Water Works
Karen Stearns, PE, Engineering Analytics, Inc.

Presentations on Funding Opportunities (1:15-4:45)

- 1:15 **Managing Project Funding and The Funders – Making Multiple Source Fund Management Work**
Charles Thomas, PE, Executive Engineer, SSCAFCA
- 2:00 **NRCS watershed funding opportunities** (Zoom)
Ayana Brown, Assistant State Conservation Engineer, NRCS
- 2:45 **Hazard Mitigation, DHSEM**
Loretta Hatch, CFM, State Floodplain Manager, with NM DHSEM
- 3:15 Break in the Sponsor Expo Area (3:15-3:45)
- 3:45 **Working with your legislature for Capital Outlay requests** (Zoom)
Michelle Jaschke, Capital Outlay Division Staff
- 4:15 **Funding projects through the Water Trust Board** (Zoom)
Angela Quintana, Senior Program Administrator, Water Trust Board
- 5:30 **Sponsored Reception – Raton Museum**
Hors d'oeuvres and Bar

Sponsored by Platinum Sponsors:

*Wilson and Company Inc
CDM Smith Inc*

*Bohannon Huston Inc
Engineering Analytics Inc*

*Middle Rio Grande Conservancy
District*

Friday, October 1st

- 7:30 Breakfast (7:30-8:30, Dining Room)
- 8:00 **State of New Mexico Watersheds and Forests and New Mexico Watershed Fund**
Collin Haffey, NM EMNRD Forestry Division
- 8:45 Split into two tracks
- Track 1: Less Technical** (9:00-12:00)
- 9:00 **Watershed Initiatives in the Hatch and Mesilla Valleys**
John Gwynne, PE, Director, Dona Ana County Flood Commission
- 9:30 **Digitalize Dam Monitoring: How Geospatial AI Improves Safety and Efficiency**
Camilla Braithwaite, Product Manager, Rezatec (Pre-recorded+Zoom)
Marcus Holland, Territory Manager, Rezatec
- 10:00 Break in the Sponsor Expo Area (10:00-10:30)



New Mexico Watershed and
Dam Owners Coalition
2021 Conference and Business Meeting
September 29th - October 1st, 2021
Raton, NM

Healthy Watersheds, Extreme Precipitation, Safe Dam O&M, and How To Fund It

- 10:30 **Update on the Rio Grande Water Fund** (Zoom)
Anne Bradley, The Nature Conservancy
- 11:00 **Acequia mapping project**
Daniel Estrada, Office of the State Engineer
- 11:30 **Principles of upper watershed treatment**
Chuck Caruso, PE, Agrimex
- Track 2: More Technical (9:00-12:00)**
- 9:00 **Simplified Engineering Analysis and Inundation Mapping for Dam Breach Simulation**
Max Shih, PE, CDM Smith
- 9:30 **The Effects of Dam Breach Model Parameters on Modeled Inundation**
Dennis McCarville, Elephant Butte Irrigation District
- 10:00 Break in the Sponsor Expo Area (10:00-10:30)
- 10:30 **Assessing Risk – Techniques and tools for dam owners to evaluate risk**
Dylan Hoehn, PE, Engineering Analytics
- 11:00 **Engineering Ethics, Case study** (1 hour of Engineering Ethics)
Don Lopez, PE, AECOM
- 12:00 Lunch (12:00-1:00, Dining Room)
- 12:15 **General Membership Meeting – See agenda attached**
Zack Libbin, PE, Chair, NMWDOC Steering Committee
- 1:00 Adjourn