



**Sunday, August 19, 2018**

**10:00am – 4:00pm**

## Welcome to Albuquerque! Bicycle Field Trip – Meet and Greet

**\*Optional\***

Choose from **two** bicycle tours that will take you along the Rio Grande bosque trail, with AridLID installation site visits. The tours will then meet at the Rio Grande Nature Center between 1:00 – 1:30pm and ride together to local breweries & restaurants/food trucks around 2:00pm by Hotel Albuquerque.

Both tours will end at 4:00pm

Tour distances are approximately:

20 miles for Group A and 10 miles for Group B



Group A (10:00am - 4:00pm) 20 mile trip  
Group B (12:00pm - 4:00pm): 10 mile trip  
**\*15 cyclists in each group\***

Leads: TBA

Assistant Lead: TAMUK



**Wednesday, August 22<sup>nd</sup> @ 1:30pm – 5:00pm**

**Fieldtrip A: A Look at Watershed Restoration in the Arid Southwest**

Moderator: Kali Bronson, Bernalillo County  
Assistant Moderator: TAMUK

**Presented by:** Jim Brooks, Adaptive Terrain Systems

Steve Glass, Ciudad Soil & Water Conservation Association

Jennifer Owen-White, U.S. Fish & Wildlife Service

USGS

AMAFCA

Bosque Ecological Monitoring Program (BEMP)

**Description:** Visit the Tijeras Remediation Project (TRP) rehabilitation project and Valle de Oro (VdO) urban wildlife refuge. The TRP re-established the stormwater detention and erosion reduction functionality of the facility. Adjacent to the TRP is an unimproved and undeveloped property for comparison. Valle de Oro National Wildlife Refuge is the Southwest's first urban wildlife refuge and will serve as an urban oasis for both wildlife and people, just minutes from downtown Albuquerque. Valle de Oro NWR offers a unique environmental education and recreation opportunity in a highly populated area while promoting a wildlife conservation message. Providing a drainage outfall through Valle de Oro NWR will provide the community with flood relief, improve water quality before stormwater is discharged to the Rio Grande, and provide additional water for restoration of diverse natural habitats to support environmental education.

**Wednesday, August 22<sup>nd</sup> @ 1:30pm – 5:00pm**

**Fieldtrip B: Stormwater Quality and Engineering**

Moderator: Patrick Chavez, P.E., AMAFCA (tentative)  
Assistant Moderator: TAMUK

**Presented by:** Patrick Chavez, P.E., AMAFCA

Bruce Thomson, P.E., Engineering Professor, UNM

**Description:** Visit the University of New Mexico's Open Channel Hydraulics Laboratory and see a model of a flood control/stormwater quality project from the Albuquerque area. Visit stormwater quality projects that have been previously modeled in the hydraulics laboratory. Selected sites may include the South Diversion Channel Baffle Chute that utilizes wedged wire screens for sediment and vegetation removal, the Hahn Arroyo Rehabilitation Project, and the AMAFCA Water Volcano stormwater quality installation.

**Wednesday, August 22<sup>nd</sup> @ 1:30pm – 5:00pm****Fieldtrip C: Green Stormwater Infrastructure and Arid Low Impact Design (GSI/AridLID)**

Moderator: Dave Gatterman, P.E., SSCAFCA  
Assistant Moderator: TAMUK

**Presented by:** Dave Gatterman, P.E., SSCAFCA  
George Radnovich, Sites Southwest  
Tim McDonough, P.E., Village of Los Ranchos (Tentative)

**Description:** Visit GSI/AridLID project installations and understand how these installations function and how some differ in order to accommodate an arid environment. Sites may include the SSCAFCA Upper Montoyas Arroyo project, the Village of Los Ranchos 4<sup>th</sup> Street Redevelopment Project (where there is no stormwater discharge from the site), and an underground infiltrator installation in the Steel Benders brewery parking lot.

**Wednesday, August 22<sup>nd</sup> @ 1:30pm – 5:00pm****Fieldtrip D: Green Stormwater Infrastructure and Arid Low Impact Design (GSI/AridLID) Design Charrette**

Moderator: Andrew Bernard, Sites Southwest  
Assistant Moderator: TAMUK

**Presented by:** Andrew Bernard, Sites Southwest  
Brad Sumrall, P.E., Weston Solutions (tentative)  
TBD

**Description:** In the arid climate of New Mexico, Green Stormwater Infrastructure (GSI) and Low Impact Development (LID) requires special considerations to be successful. This workshop/field trip will engage participants to apply their existing knowledge of GSI/LID as well as to practice many new techniques gleaned from conference sessions to help Albuquerque envision potential solutions and interventions in sustainably managing storm water. In this session, you will visit a problem site and conduct an analysis. We will then return to the conference facility where participants will then work as groups to flush out design ideas into a rough presentation of their design solutions. The projects will then be displayed at the conference for sparking discussion or perhaps will influence actual projects in the near future. Project location TBD