

Watershed Symposium 2012 Field Trip Green Infrastructure @ University of Utah

Friday, September 28—1:00-3:30pm

This field trip will focus on stormwater green infrastructure research and applications at the University of Utah, led by the UU Urban Water Research Group. We'll start with an overview of Low Impact Development (LID), green infrastructure and the stormwater problem, then break into groups and rotate between sites. Discussion afterwards will discuss current and potential future and research and design, what works and does not work, and what are the roadblocks to implementation.

Guides:

Dr. Steve Burian, Dr. Christine Pomeroy, Dasch Houdeshel, Austin Orr, Kristianne Sandoval

Site 1: Bioretention at the CTI Humanities Building

Great example of an LID bioretention installation backed up by a traditional stormwater overflow system for large storm events. We will talk about infiltration (in contrast to garden-centric exfiltration). We will also talk about unexpected runoff sources that get "treated".

Site 2: MCE-CME Building Rain Gardens

This site is a great example of how bioretention systems can look and perform in our climate and not require additional irrigation to maintain the vegetation. There is no supplemental irrigation and the plants are doing great. The site drainage is fairly large so the use of a deeper storage reservoir in the bioretention unit will be discussed.

Site 3: Sutton Building Green Infrastructure

This site contains several green infrastructure elements including pervious concrete, green roof, and infiltration basin. The discussion at this site will extend from the details of the design to include cost, durability, risk management, and performance.

Visit <http://urbanwater.utah.edu/> for more information on the Urban Water Research Group

Trip Notes:

- Meet at the Salt Lake County Government Center, North Building entrance, 2001 South State Street, (east side of the building, opposite the parking garage)
- Vans will leave *promptly* at the start time indicated
- Dress for outdoors, sun protection and walking shoes are recommended
- Bring your own food and drink
- Salt Lake County requires all field trip attendees to sign a waiver form. Please sign and return the attached waiver in advance, or sign on the day of the trip.
- For trip details, check out the attached info sheet and the [Map](#) at <http://goo.gl/maps/cXc2W>



Field trip offered as part of the 6th Annual Salt Lake Countywide Watershed Symposium, September 26-28, 2012, <http://www.watershed.slco.org/symposium/index.html>