



1 SET CLEAR GOALS

U of U GOALS:

1. Create beautiful and functional landscapes.
2. Protect the campus arboretum.
3. Place sod only where it will be used and enhance the student experience.
4. Carefully monitor water use to assure resource preservation.
5. Use efficient maintenance practices.



2 GATHER AND EVALUATE DATA

U of U EVALUATION:

Audit Landscape Materials and Systems:

- ➔ Determine where sod to be replaced with alternative plant material
- ➔ Audit the irrigation system to better understanding its inefficiencies
- ➔ Locate hydrozoning opportunities (see below for details)

Support Student-Run Research Opportunities:

- ➔ Study temperature gradients across different exterior materials to understand heat-island effect on campus
- ➔ Identify performance-measures for surface parking lots to determine appropriate locations for bio-swales

Verify Via Field Observations:

- 21% Less Water at Sage Point Meadow by letting Grass Grow Long and Amending Soil
- 37% Less Water on Shrubs Compared to Grass at Mario Capecchi Sidewalk
- 75% Less Water on Shrubs Compared to Grass at Stadium South

55% Average **Water Savings** on Turf Areas Replaced With Low-Water Plants



3 FUND DATA AND VISION BASED PROJECTS

U of U PROJECTS:

Hydrozoning - Group like-plantings such as trees, plant beds - and turf, based on the plant's water needs and solar aspect on the same irrigation valve.

Sod Replacement/ Removal - Where appropriate, replace sod with drought tolerant turf-grass species in areas other than sports fields, and remove any sod that is underutilized for passive recreation by the campus community.

Irrigation System Improvements - Replace dated irrigation infrastructure with efficient systems such as smart controllers, which optimize existing installations.



4 COMMUNICATE RESULTS

U of U COMMUNICATION CHANNELS:

@theU Newsletter

Temporary Signs in Landscape

Campus Planning Website

Social Media