



San Diego Master Gardener

Class of 2023



Session # 6

Water Management & Field Trip to Water Conservation Garden

02/21/23

Objectives

1. After this lesson the trainee will know:
 - 1.1. The basic concepts of evapotranspiration (ET) and plant water needs;
 - 1.2. The basic concepts of water movement in soil and plant water availability in different soil types;
 - 1.3. Apply basic principles of irrigation and water management to maintain optimal plant health, reduce water waste, and protect groundwater and surface water quality;
 - 1.4. The basics of irrigation controllers;
 - 1.5. Where the water for San Diego County comes from and the need for water conservation;
2. After this lesson, the trainee will be able to:
 - 2.1. Evaluate various irrigation techniques and delivery devices;
 - 2.2. Understand the water needs of various plants;
 - 2.3. Apply best practices on managing drought in California landscapes and gardens.
3. After this lesson the trainee will know how to access more information:
 - 3.1. **California Master Gardener Handbook**, Second Edition, 2015, pp. 84-108
 - 3.2. Supplementary Materials: [Sustaining Nature and Gardens with less Water - RogersGarden website](#)
 - 3.3. [UC PDF Gardening with limited watering resource](#)



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Agenda

Water Management in the Home Garden Landscape

Field Trip to Water Conservation Garden

8:15	<ul style="list-style-type: none">• Room setup• Room available for refreshment team 3• Good, Bad, Bugly put on screens	
8:30 - 9:00	<ul style="list-style-type: none">• Class starts• Authentication Activity• Announcements<ul style="list-style-type: none">o MG Transfers Susan Hall and Diane Brown introduced by Diane Woodwardo "The Good, Bad and the Bugly" identifiedo Reminder of MGASDC General Meeting on 2/28	
9:00 - 10:00	<i>Water Management Principles</i>	Richard Restuccia
10:00 - 10:15	Break	
10:15 - 11:15	<i>Water Management in Home Garden Landscapes</i>	Richard Restuccia
11:15 – 11:45	VIPR Presentations	Leo McGuire Kathy Pyle Claudia Guzman Carol Newcomb
11:45 – 12:00	Ask a Master Gardener (AAMG)	Debbie Handal
12:00 - 12:30	Lunch	
12:30 – 12:45	Assemble in classroom and break into assigned groups for tour	
12:45 – 2:30	Tour of Water Conservation Garden	WCG Docents
	Note: Staff Debrief at 12:45	