



SCRI - CLEAN WATER³
REDUCE, REMEDIATE, RECYCLE

2017 California Nursery Conference

Water Management In Nursery and Greenhouse Production

Courtyard Irvine Spectrum
7955 Irvine Center Drive
Irvine, CA 92618

Thursday, July 27, 2017

Sponsored by:

UC Nursery and Floriculture Alliance
USDA SCRI Clean Water³
SoCal CAPCA
California Association of Nurseries and Garden Centers
Nursery Growers Association

and the following University of California Agriculture and Natural Resources programs:

Cooperative Extension
South Coast Research and Extension Center
Statewide Integrated Pest Management Program

Continuing Education:

Approved: CCA 5.0 hrs, CCNPro 5.0 hrs, ISA 6.0 hrs,

Applied for: DPR 1.5 hrs

Under review: Ventura County Agricultural, San Diego, and LA Irrigated Lands Groups

[Register](#) and pay \$125 fee before July 10 and save \$25!

On July 10, fee increases to \$150.

Questions?

Logistics: Email anrprogramsupport@ucanr.edu or call

Danielle Palermi, (530) 750-1328 or Sherry Cooper, (530) 750-1256.

Program: [Loren Oki](#) or [Darren Haver](#)

Vendor exhibitors: [Heather Palmer](#), (760) 429-9944

7:00 AM **Registration**

8:00 AM **Welcome**

Hosts: Loren Oki, Dept. of Plant Sciences, UC Davis
Darren Haver, SCREC & UCCE Orange County

8:10 AM **Session I Analyzing Production Systems and Marketing Environmental Features of Landscape Plants**

Moderator: Darren Haver, SCREC & UCCE Orange County

Understanding water footprint of nursery production

Josh Knight, Extension Associate
Department of Horticulture, Univ Kentucky

Analyzing nursery production systems for environmental impact potential and cost

Dewayne Ingram, Professor
Department of Horticulture, Univ Kentucky

Defining and marketing ecosystem services provided by landscape plants

Dewayne Ingram, Professor
Department of Horticulture, Univ Kentucky

9:10 AM **Break**

9:30 AM **Session II Marketing Environmental Features and Decision Management**

Moderator: Loren Oki, Plant Sciences Department, UC Davis

Marketing water use To consumers

Bridget Behe, Professor
Department of Horticulture, Michigan State Univ

How growers make decisions

Alexa Lamm, Asst Professor & Assoc Director
Center for Public Issues Education, Univ Florida

Container CRF management

Jim Owen, Assistant Professor
Virginia Agricultural Res & Ext Center, Hampton Roads,
Virginia Tech

10:30 AM **Break**

10:50 AM **Session III Irrigation and Nutrient Management**

Moderator : Sarah White, Plant and Environmental Sciences Department,
Clemson University

Irrigation management using soil moisture sensors

John Lea-Cox, Professor

Department of Plant Sciences & Landscape Architecture,
Univ Maryland

**Where do nutrients go when you irrigate? Managing irrigation to enhance
nutrient retention in container production**

Tom Fernandez, Professor

Department of Horticulture, Michigan State Univ

Nitrogen management plans

Bruno Pitton, Staff Research Associate

Department of Plant Sciences, Univ California, Davis

12:00 PM **Lunch**

Posters and trade show

1:30 PM **Session IV Managing and Using Recycled Water**

Moderator: Paul Fisher, Environmental Horticulture Department, University of
Florida

Adding tools in the water management toolbox

John Majzstrik, Research Assistant Professor

Plant and Environmental Sciences Department,
Clemson Univ

Impacts of recycled water on plant growth

Bert Cregg, Associate Professor

Department of Horticulture, Michigan State Univ

Managing biofilms and clogging

Paul Fisher, Professor and Extension Specialist

Environmental Horticulture, Univ Florida

2:30 PM **Break**

2:50 PM **Session V Treating Captured Runoff For Reuse and Economics of Recycling
Water**

Moderator : John Kabashima, UCCE Orange County

Biological treatment Of runoff

Sarah White, Associate Professor
Plant and Environmental Sciences Department,
Clemson Univ

Slow sand filters remove pathogens from captured runoff

Loren Oki, CE Specialist
Department of Plant Sciences, Univ California, Davis

Water recycling economics case study

Darren Haver, Director and Advisor
South Coast Res & Ext Center and UCCE Orange
County, Univ California ANR

Discussion/surveys

4:10 PM **Adjourn**

Posters

Online grower decision making tools

Saurav Kumar, Research Assistant Professor
Civil Engineering, Univ Texas, El Paso

Clean Water3 project website

Paul Fisher, Professor and Extension Specialist
Environmental Horticulture, Univ Florida

The 2017 California Nursery Conferences is sponsored by:



Southern CA Chapter

