

CII 57TH ANNUAL CONFERENCE • FEBRUARY 4-5, 2019 • SACRAMENTO, CA



# MANAGE OUR LAND TO MANAGE OUR WATER

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**2019 PLATINUM  
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# MANAGE OUR LAND TO MANAGE OUR WATER

CII 57TH ANNUAL CONFERENCE • FEBRUARY 4–5, 2019 • SACRAMENTO, CA

**The  
2019 CII  
Conference  
is proud to  
welcome  
two exciting  
speakers this  
year.**

## **DR. GLENDA HUMISTON**

*Vice President, University of California Agriculture and Natural Resources*

California's land use practices share a close connection to California water. Don't miss Dr. Glenda Humiston's Monday morning keynote address of the 2019 conference theme Manage Our Land to Manage Our Water, including her vision for forging new partnerships between California's working lands and urban neighbors.

## **BRAD UDALL**

*Senior Water & Climate Research Scientist, Colorado Water Institute, Colorado State University*  
Is there a crisis on the Colorado River? Special guest Brad Udall has an extensive background on water and climate policy issues. Join us for the Tuesday Luncheon as he shares his perspective of the challenges facing the Colorado River Basin and hope for its future and for western water.

## MONDAY: FEBRUARY 4, 2019

**8:30–9:30 AM**

**REGISTRATION**

### MONDAY GENERAL SESSION

**9:30–10:00 AM**

#### **WELCOME AND INTRODUCTIONS**

**Bill McDonnell, President**  
California Irrigation Institute

#### **KEYNOTE SPEAKER**

**DR. GLENDA HUMISTON, VICE PRESIDENT**  
University of California Agriculture and Natural Resources

**10:00–11:45 AM**

#### **OPENING PANEL**

*Moderator: Bill McDonnell*

**Andrea MacKenzie, General Manager**  
Santa Clara Valley Open Space Authority

**A.G. Kawamura, Co-Chair**  
Solutions From The Land

**Meghan Hertel, Director Land and Water Conservation**  
National Audubon Society

**11:45AM–12 PM**

**BREAK**

**12:00–1:30 PM**

**LUNCH AND PERSON OF THE YEAR AWARD PRESENTATION**

## SESSION I (SPLIT SESSIONS)

### AGRICULTURE

Moderators: Jim Anshutz & Daniele Zaccaria

### URBAN

Moderators: Steffi Becking & William Granger

#### UPDATES ON AVAILABLE TECHNOLOGY IN AG

#### UPDATES ON TRENDS AND AVAILABLE TECHNOLOGY IN THE URBAN SECTOR

**Assessment of Crop Evapotranspiration with Field Measurements and Remote Sensing in the Sacramento-San Joaquin Delta**  
Kyaw Tha Paw U, Professor of Atmospheric Science and Biometrics, University of California, Davis

**Cannabis: A Water Utility Perspective**  
Claire Nordlie, Water Conservation Supervisor  
East Bay Municipal Utility District

**Irrigation Technologies: Why Bother? To Get to Your End Goal of More "Crop per Drop"**  
Tom Devol, Director of Grower Services  
Jain Irrigation

**Regenerative Cannabis Farming Practices**  
Dr. Hollie Hall, Watershed Resources  
Consultant and Owner  
Compliant Farms Certified

**Role of Agricultural Technologies in Meeting California's 100% Renewable Electricity Target**  
Arian Aghajanzadeh, Senior Scientific Engineering Associate, Lawrence Berkeley National Laboratory

**Using California Irrigation Management Information System (CIMIS) for Landscape Irrigation**  
Bekele Temesgen, Chief, CIMIS Program  
Department of Water Resources

**Incentives and Barriers for Voluntary Adoption of Improved Water Management Practices among Different Land-owners in San Mateo County**  
Kellyx Nelson, Director  
San Mateo Resource Conservation District

**What is the Latest in the World of Wi-Fi Enabled Irrigation Controllers?**  
Warren Gorowitz, VP of Sustainability  
Ewing Irrigation & Landscape Supply

1:30—3:00 PM

3:00—3:20 PM

BREAK

## SESSION II (SPLIT SESSIONS)

### AGRICULTURE

Moderators: Chase Hurley & Inge Bisconer

### URBAN

Moderator: Mary Ann Dickinson

#### NAVIGATING THE SEA OF INFORMATION IN AG

#### NAVIGATING THE SEA OF INFORMATION IN THE URBAN SECTOR

**Update on Using California Irrigation Management Information System (CIMIS) for Agriculture**  
Richard Snyder, Biometeorology Specialist  
University of California, Davis

**Department of Water Resources' Aerial Imagery Pilot: Creating Community-Wide Water Budgets**  
Peter Brostrom, Urban Water Efficiency Program Manager, Department of Water Resources

**PG&E Study on Agriculture Irrigation Technology**  
Jim Anshutz, Partner  
AGH20

**Department of Water Resources Landscape Measurement: What Did We Learn?**  
Sean McNeil, Water Use Efficiency Coordinator, City of Santa Rosa and Melissa McChesney, Communications Manager, Padre Dam

**Irrigation Technology Stewardship for Growers - Dealer Perspective**  
Richard Arias, Vice President of Sales  
RDO Water/RDO de Mexico

**Model Water Efficient Landscape Ordinance: What is the Latest?**  
Julie Saare-Edmonds, Water Use Efficiency Senior Environmental Scientist, Department of Water Resources

**Data Driven Management-a Farmer's Perspective**  
Mark Hutson, Senior Vice President,  
Hancock Farmland Services

**Advanced Meter Infrastructure: How to Manage the Information Overload?**  
Julie Ortiz, Water Conservation Manager  
San Francisco Public Utilities Commission

3:20—5:00 PM

5:00—7:00 PM

EXHIBITOR RECEPTION AND STUDENT POSTER SESSION

# TUESDAY: FEBRUARY 5, 2019

## SESSION III - AGRICULTURE AND URBAN (JOINT SESSION)

Moderators: Danny Merkley and Gwen Huff

### URBAN WATER CONSERVATION AND AGRICULTURE WATER USE EFFICIENCY, AB 1668 AND SB 606

#### Department of Water Resources Role

Diana Brooks, Chief, Office of Water Use Efficiency  
California Department of Water Resources

#### State Water Resources Control Board's Role

James Nachbauer, Director Office of Research, Planning and Performance  
State Water Resources Control Board

#### Agricultural Impacts

Mike Wade, Executive Director  
California Farm Water Coalition

#### Urban Impacts

Mary Ann Dickinson, Executive Director  
California Water Efficiency Partnership

9:00–10:10 AM

10:10–10:25 AM

BREAK

## SESSION IV - AGRICULTURE AND URBAN (JOINT SESSION)

Moderators: Tim O'Halloran and Carrie Pollard

### SUSTAINABLE GROUNDWATER MANAGEMENT ACT BEYOND GROUNDWATER SUSTAINABILITY AGENCY FORMATION

#### A San Joaquin Valley Manager's Perspective on GSP Development

Jarrett Martin, Deputy General Manager  
Central California Irrigation Districts

#### A Sacramento Valley Manager's Perspective on GSP Development

Mary Fahey, Water Resources Manager, County of Colusa  
and Program Manager, Colusa Groundwater Authority

#### GSP Development Statewide

Tara Moran, Program Lead, Sustainable Groundwater  
Stanford University, Water in the West Program

#### A Consultant's Perspective on GSP Development Statewide

Dave Orth, Principal Consultant  
New Current Water and Land, LLC

10:25–11:30 AM

11:30AM–12 PM

STUDENT POSTER SESSION

12:00–1:30 PM

#### LUNCH SPEAKER

Brad Udall, Senior Water and Climate Scientist  
Colorado State University

CII BUSINESS: NEW OFFICERS

ADJOURN



The primary purpose of the California Irrigation Institute is to host an annual conference on California water issues, water use efficiency, water quality and surface and groundwater management.

The conference features leading water industry experts, government agency heads, water district managers, innovative farmers and vendors with leading water saving products. The sessions aim to discuss research results and practical field experience.

## REGISTER ONLINE AT CAII.ORG

EARLY BIRD  
REGISTRATION  
EXPIRES  
JANUARY 15, 2019

### ONE DAY REGISTRATION

Received on or before January 15, 2019 .....	\$ 175
On site/At the door .....	\$ 200

### TWO DAY REGISTRATION

Received on or before January 15, 2019 .....	\$ 225
Received after January 15, 2019 .....	\$ 250
On site/At the door .....	\$ 275

### FULL TIME STUDENTS (With valid student ID)

Received on or before January 15, 2019 .....	\$ 75
Received after January 15, 2019 .....	\$ 100

### EXHIBITOR REGISTRATION

(Includes one attendee registration).....	\$ 375
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Attendee registration includes admission to all sessions, refreshments, the reception on Monday and lunch both days.

## 2019 HOTEL INFORMATION

### HILTON SACRAMENTO ARDEN WEST

2200 Harvard Street  
Sacramento, 95822  
(916) 922-4700

Rooms are held under the California Irrigation Institute group name. Early room reservations end **January 15, 2019**. Space is limited.

*There is free complimentary parking for all conference attendees.*

**MARK YOUR CALENDARS: JANUARY 27-28, 2020**  
CII'S 58<sup>TH</sup> ANNUAL CONFERENCE WILL BE IN A NEW LOCATION!  
DoubleTree Sacramento | 2001 Point West Way | Sacramento, CA 95815

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