



**Desalination and Salt  
Management – Solving  
California’s Water Challenges**

***5<sup>th</sup> Annual CalDesal  
Conference***

***February 2-3, 2017***

***San Diego Marriott Mission  
Valley, San Diego CA***

Welcome!

As Chair of CalDesal, it is my pleasure to welcome you to the 5th Annual CalDesal Conference where we will discuss Desalination and Salt Management – Solving California's Water Challenges.

Years of drought has clearly demonstrated that California Water Managers have made the correct decision to diversify their local and regional water supply portfolios. After the extended drought, public interest in California's water situation is still at an all-time high. Water managers' decisions are being more closely scrutinized than ever. Retaining all water supply options including desalination is important to help meet those higher expectations. Desalting brackish groundwater or seawater also provides a drought resilient, locally controlled supply, safe, clean drinking water. Salt management strategies play an increasingly important role in protecting water quality.

Over the next two days we hope you will enjoy our discussions of salt management strategies and desalting to meet 21st century challenges. We will focus on brackish groundwater, regional salt management strategies, new technologies in desalination and a special program with business leaders discussing the importance of a reliable water supply to the state's businesses and economy.

In 2015 the State Water Resources Control Board has adopted new rules for ocean intakes and brine disposal back into the ocean. We will continue our dialogue on practical considerations and implementation of those new rules.

Our goal with this conference is to stimulate discussion to further develop a sustainable desalination and salt management strategy for California. Thank you for joining us and helping our effort.

Sincerely,



Shawn Dewane  
Chair  
CalDesal Executive Committee

## **About CalDesal**

Since its formation as a non-profit organization in 2010, CalDesal has established itself as a credible voice and an effective advocate for desalination and salinity management. CalDesal advocates in Sacramento and engages throughout the state to secure policies and funding to promote desalination and salinity management.

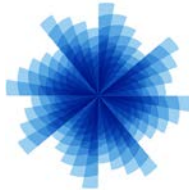
Together, CalDesal members are building a strong, unified voice for policies and funding to promote and expand desalination and salinity management.

Visit our website at [www.caldesal.org](http://www.caldesal.org) to read more about ocean desalination, brackish water desalination and salinity management and how CalDesal can work for you.

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**Cocktail Reception**

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### CALDESAL PROGRAM PLANNING WORK GROUP

**Diane Gatza**  
**West Basin Municipal Water District**

**Joe Monaco**  
**Dudek**

**Kevin Thomas**  
**Kimley-Horn**

**Paul Findley**  
**Michael Baker International**

**Robert Harding**  
**The Metropolitan Water**  
**District of Southern California**

**Warren Teitz**  
**The Metropolitan Water**  
**District of Southern California**



## AGENDA

### 5<sup>th</sup> Annual Desalination Conference

***All Seminars will take place in the Rio Vista Salons A-D***

#### **DAY ONE**

**Thursday, February 2, 2017**

**8:30 am – 9:45 am Registration / Continental Breakfast**

*Rio Vista Salons A-D Foyer/Rio Vista Salons A-D*

**10:00 am – 10:15 am Opening Remarks**

*Chair Shawn Dewane, Executive Director Paul Kelley*

**10:15 am – 12:00 pm Session I: Ground Water Desalination  
Technology, Projects & Policy**

*Moderator: Paul Findley – Michael Baker International*

*Panelists: Joel Bowden – Michael Baker International*

*Jim Fiedler – Santa Clara Valley Water District*

*Michael Garrod – Sweetwater Authority*

*Paul Jones – Eastern Municipal Water District*

*Sean McCarthy – South Coast Section Chief, SWRCB Division of Drinking Water*

#### **Description:**

Good planning and reoccurring droughts has resulted in extraordinary new water opportunities for Brackish groundwater cleanup that develops drinking water while addressing salinity issues. A discussion of technology to reduce brine, policies that help and hurt GW Desal and projects that provide real useful water

**12:00 pm – 1:30 pm Keynote Luncheon:**

*Sierra 5-6*

*“Desalination as part of a balanced water portfolio for California”*

*Keynote: Mark Lambert – CEO IDE Technologies*

**1:30 pm – 3:15 pm    Session II: Implementing the New Ocean Plan Desalination Amendments**

*Moderator: Joe Monaco – Dudek*

*Panelists: Mark Donovan – GHD*

*Diane Gatzka – West Basin Municipal Water District*

*Scott Maloni – Poseidon Water*

*Claire Waggoner – State Water Control Board*

**Description:**

This program will look into the 2015 adopted desalination rules for ocean desalination intakes (and mitigation) and brine discharge. Described as the most environmentally protective rules anywhere the panelists will discuss experiences and how the implementation of the rules is progressing and the challenges to current and future ocean desalination projects.

**3:15 pm – 3:30 pm    Break**

**3:30 pm – 5:00 pm    Session III: Salinity Management and Water Supply for California**

*Moderator: Phil Rosentrater – GM/Executive Director  
Salton Sea Authority*

*Panelists: Paul Weghorst Executive Director of Water Policy  
Irvine Ranch Water District*

*Celeste Cantu – GM – Santa Ana Watershed Project Authority*

*Katie Porter – California Urban Water Agencies*

**Description:**

Agencies are experiencing changes in their source water portfolio and a steady increase of salinity in those waters affecting salt and other nutrient management plans. This discussion is about how to handle the issues, deal with regulatory agencies, and implement projects. Including a report from IRWD on their study and model on salinity impacts in their service area.

**5:00 pm – 6:30 pm    Reception**

*Sierra 5-6*

## DAY TWO

Friday, February 3, 2017

**8:00 am – 9:00 am Continental Breakfast**

*Rio Vista Salons A-D Foyer*

**9:00 am – 10:20 am Session IV: Desalination: Future Trends and State Legislative Update**

*Moderator: Paul Kelley, Executive Director CalDesal*

*Panelists:*

*Tom Pankratz, WDR – “Technology Today and Tomorrow - Perspective from the world”*

*Ron Davis, Davis Advocacy – “New Political Year & Legislative Challenges”*

### **Description:**

This session will have the speakers explore current and future technological innovations in desalination. And a report on legislative affairs – “How does the election of 2016 affect you and Desalination?”

**10:20 am – 10:40 am Break**

**10:40 am – 11:50 am Session V: Project Delivery Models**

*Moderator: Mark Donovan – GHD*

*Panelists: Leofwin Clark – Brown & Caldwell*

*Elizabeth Cousins – Nossaman LLC*

### **Description:**

Experienced professionals to share experience and challenges of large projects (Desal) delivery methods. This discussion will provide information from project delivery basics to actual implementation of delivering a project.





## KEYNOTE

### **Mark Lambert, CEO IDE Technologies, Inc.**

Lambert is a senior executive with extensive experience in the Water and Environmental industries and has a strong track record of success in the management of successful organizations.

Specialties: Strategic planning, growth capital fund raising transactional and acquisition support services in the water, clean energy and infrastructure markets serving developed and developing markets.

Senior Advisor , IDE Americas, Inc. A world leader in water treatment solutions, IDE specializes in the development, engineering, construction and operation of enhanced desalination and industrial water treatment plants. IDE leads the water industry with some of the world's most advanced thermal and membrane desalination plants. IDE provide small to large cost-effective desalination solutions, such as IDE PROGREENTM, a modular, chemical-free reverse osmosis 'plant in a box', and have an especially well-proven track record in large-scale membrane and thermal desalination, including some of the largest plants worldwide, (e.g. in China, India, US, Australia and Israel). IDE also has a proven experience in ground-breaking industrial water treatment plants that deliver a reliable, sustainable and economical solution for industry. Mark is responsible for all IDE activities in the Americas, EPC, BO, BOOT project delivery methods in the global Desalination market as well as Industrial Waste Water Treatment in select target markets including Oil and Gas, Power Generation and Mining.

## SESSION I

### Paul Findley, Moderator



Paul Findley is a Technical Manager of Desalination Services with 41 years of professional experience. He received his B.S. in Environmental Engineering from Purdue University in 1973, and his M.S. in Sanitary Engineering from University of California, Berkeley in 1974. Mr. Findley has recently been involved in planning several seawater desalination projects in California, including a 10 mgd project near Monterey, a 50-150 mgd project for San Diego County Water Authority, a 20-60 mgd project for West Basin Municipal Water District, and a 2.5-4 mgd project for Montecito Water District.

## SESSION I

### Joel Bowden



Joel Bowdan III is a registered Professional Civil Engineer in California and Michigan with more than 23 years of experience in the planning and design of potable water, wastewater, and recycled (reuse) water infrastructure, facilities, and treatment systems. He is a Technical Manager in the Water/Wastewater Department at Michael Baker International in San Diego. His experience includes: pumping and piping systems, water storage structures, groundwater supply and treatment, brackish water desalinization, recycled (reuse) water retrofits, industrial pre-treatment for cooling towers, process related design, and facility start-up. Mr. Bowdan obtained his Bachelor of Science in Civil Engineering degree from Lawrence Technological University in Southfield, MI. He is currently a member of several professional organizations.

## SESSION I

### Jim Fielder



Jim Fielder is the Chief Operating Officer for the Santa Clara Valley Water District's Water Utility Enterprise. He is responsible for leading Santa Clara's water supply program consisting of: water importation, surface reservoir operations and storage, groundwater management, raw and treated water delivery, drinking water treatment, water recycling and purification, and water conservation programs.

A member of the water district staff since 1982 he has over 35 years of leadership and engineering experience in the area of water supply, flood protection and watershed stewardship. His management and technical experience includes regional water supply, flood and environmental planning, design, construction, operations and maintenance of water supply and flood protection infrastructure.

In addition, Jim serves on the San Francisco Estuary Institute (SFEI) Board of Directors; Board Member of the WaterReuse Association and Water Environment and Reuse Foundation; Member on the State Advisory Group for Direct Potable Reuse in California; Past President of National Association of Flood and Storm Management Agencies (NAFSMA) and past Board member of the San Francisco Bay Planning Coalition.

Jim is a registered civil engineer in California. He is a graduate of Loyola Marymount University in Los Angeles with a Bachelor of Science degree in Civil Engineering, and graduate of Stanford University with a Master's degree in Civil Engineering.

## SESSION I

### Michael Garrod



Michael is currently the Engineering Manager at the Sweetwater Authority. He graduated from Humboldt State University in 1983 with a B. S. in Engineering. He is a licensed Professional Engineer in Civil Engineering, California and has Grade 4 Certification in Distribution Operation and a Grade 3 Certification in Water Treatment. He is a member of AWWA and ASCE and served as the Chair of the TAC for the Carlsbad Desalination Facility..

## SESSION I

### Paul Jones



Paul D. Jones II is the general manager of the Eastern Municipal Water District and has served in that capacity since July 2011 after managing Irvine Ranch Water District for the previous 12 years. Jones has over 26 years of experience in the water industry in both the public and private sectors, and has focused his career on innovations in water supply portfolio diversity, water recycling, renewable energy management, environmentally sustainable infrastructure development and water use efficiency. Jones received his Bachelor of Science degree with honors in civil engineering with an emphasis in water resources from California State Polytechnic University, Pomona in 1982, and is a Registered Civil Engineer in the State of California. He currently serves on the Boards of WaterReuse California, the WaterReuse Research Foundation and the Southern California Water Committee. In addition, Jones chairs the Riverside County Water Task Force. In 2014, Jones was recognized by the Association of California Water Agencies with its Excellence in Water Leadership Award.

## SESSION I

### Sean McCarthy

Sean is the Section Chief for the South Coast Section of the Division of Drinking Water which includes the Riverside, San Bernardino, San Diego, and Santa Ana District offices, that oversee public water systems in seven counties. He joined the Division in October 1999 as a staff engineer in San Bernardino, and became District Engineer for that office in 2005. Sean holds a bachelor's degree in Chemical Engineering from Cal Poly Pomona and a master's degree in Civil/Environmental Engineering from Loyola Marymount University.

## SESSION II

### Joe Monaco, Moderator



Joe Monaco has over 27 years of professional environmental planning experience in both the public and private sectors. Mr. Monaco specializes in management of complex CEQA/NEPA documentation, including development of policy and regulatory framework, management of technical analyses, permitting, and coordination with diverse stakeholder groups and regulatory agencies.

He has been involved with environmental clearances and permitting for large scale seawater desalination projects for over ten years, including the following: Carlsbad Seawater Desalination Plant EIR and permitting support, Carlsbad, California; Huntington Beach Seawater Desalination Plant Subsequent EIR and permitting support, Huntington Beach, California; City of Santa Barbara Desalination Plant Reactivation, Santa Barbara California; City of Santa Cruz and Soquel Creek Water District (scwd2) Seawater Desalination Project permit facilitator, Santa Cruz, California; West Basin Municipal Water District Seawater Desalination Project Program Master Plan, Redondo Beach/El Segundo, California; Rosarito Beach Binational Seawater Desalination Project Feasibility Study/Rosarito BC Mexico. assets and an annual operating budget of \$219 million, EMWD maintains an "AA+" rating from the major rating agencies and has a five-year \$385 million capital improvement program.

## SESSION II

### Mark Donovan GHD



Mark Donovan is a Senior Engineer with GHD and has 20 years of experience in seawater desalination and water treatment via membrane technology.

Mark has participated in domestic and international seawater desalination projects in a variety of roles, from membrane and system manufacturer to consulting engineer, and was instrumental in the recent successful delivery of the Carlsbad

Desalination Project.

Currently, Mark is the Desalination Program Manager for the Doheny Desalination Project on behalf on South Coast Water District, and also provides technical support to other GHD seawater desalination projects.

Mr. Donovan is proud to be the new Secretary of CalDesal.

## SESSION II

### Diane Gatza



Diane Gatza has been working at West Basin Municipal Water District for five years and manages West Basin's Ocean Water Desalination Project. She has managed the West Basin's Desalination Demonstration Testing Facility and worked on evaluating various intake technologies, process optimization, brine management and energy assessments. Diane is currently managing the District's Ocean Water Desalination Environmental Impact Report and all associated environmental studies. She received her bachelor's degree in Civil Engineering from California State Polytechnic University-Pomona.

## SESSION II

### Scott Maloni



Communications executive with twenty years of professional experience in media relations, crisis communications, public affairs and government advocacy, and national and local political campaigns.

Poseidon Water specializes in developing, financing and owning water-related infrastructure projects. In December 2015 Poseidon commenced commercial operations of a 50 million gallon per day seawater desalination plant in the city of Carlsbad in San Diego County. The development involves a public-private partnership between Poseidon and the San Diego County Water Authority. Poseidon's Carlsbad, CA facility is the largest and most technologically-advanced seawater desalination plant in the Western Hemisphere, providing the San Diego region with approximately 10% of its water supply.

In addition to the San Diego County project, Poseidon is in late-stage development of a similar-sized desalination project in Orange County, CA. Outside of California Poseidon is in early development on a number of sites in Florida and Texas.

## SESSION II

### Claire Waggoner



Claire Waggoner, Senior Environmental Scientist, State Water Resources Control Board. As the senior in charge of the Statewide Policies and Planning Unit in the Division of Water Quality, I supervise a staff of multi-disciplinary technical professionals who are working on water quality issues related to recycled water, desalination, salts and nutrients, constituents of emerging concern (CECs), irrigated and agricultural lands, biosolids, and biochar. We also fund recycled water research to advance the production and use of recycled water in California. Our unit is working to support the State Water Board's mission "To preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations."

## SESSION III

### Phil Rosentrater, Moderator



Phil Rosentrater serves as the General Manager/Executive Director for the Salton Sea Authority. The Salton Sea Authority (SSA) is a Joint Powers Authority created in 1993 to oversee the revitalization of California's largest inland Sea. The SSA is comprised of two counties, two large water agencies and a tribal sovereign nation.

Phil previously provided advocacy support for SSA in addition to other duties at Riverside County Economic Development Agency. His primary focus is now intensely focused on stabilizing the Salton Sea before massive water transfers deliver a series of environmental and economic shock waves to this region.

Phil remains employed as Deputy Director of the Riverside County Economic Development Agency, working for SSA as an Executive on Loan.. Riverside County is the fourth most populous county in California, tenth most populous in the nation, and covers an area the size of the state of New Jersey. Phil is also responsible for the County's Energy Division.

Prior to his current position, Phil provided direction for EDA Divisions of Aviation (five regional airports), Office of Foreign Trade, Economic Development, Office of Film & Television, Business Solutions, and EDA Marketing.

Before joining EDA, Phil served as External Affairs Director for Western Municipal Water District. Under Phil's leadership, Western's legislative advocacy efforts were awarded top honors from the Association of California Water Agencies (ACWA). Respected statewide as a creative and tireless advocate for local government, Phil was also honored as Outstanding Legislative Advocate of the Year by the California Special Districts Association.



## SESSION III

### Celeste Cantu



Celeste Cantú, General Manager, for the Santa Ana Watershed Project Authority (SAWPA) has been working on the crest-to-coast, corner-to-corner Integrated Regional Watershed Management Plan called, One Water One Watershed (OWOW) that addresses all water-related issues, joins all entities and hundreds of stakeholders seeking to create a new vision of resiliency for the Santa Ana River Watershed.

SAWPA owns the Inland Empire Brine Line, an utility that collects salt from the upper watershed groundwater to improve water quality in the Santa Ana River and the lower watershed. The Brine Line supports over 4,000 commercial and industrial jobs in power plants, manufacturing to food preparation. The desaltors produce 50 million gallons a day of drinking water for the Inland Empire.

Celeste served as the Executive Director for the California State Water Resources Control Board, which is responsible for water rights and water quality for the State. Before that, Celeste served as the USDA Rural Development State Director for California. Celeste was born and raised in Calexico where she served as Planning Director and later as Executive Director for the Imperial Valley Housing Authority. Celeste has a BA from Yale in Urban Planning and Policy and a Masters in Public Administration from Harvard's Kennedy School of Government. She lives in Temecula with her husband, Dr. Barry Stampfl, an English Professor at SDSU, Imperial Valley Campus. They have two adult sons.

## SESSION III

### Katie Porter



Katie Porter is a staff member for the California Urban Water Agencies (CUWA) focused on Water Quality issues and Accessibility & Affordability issues. Her focus over the last eight years has been working as a consultant with water systems in California to achieve or maintain regulatory compliance while balancing water resource and water quality issues. She previously served as an Associate Branch Chief in EPA's Office of Ground Water and Drinking Water in Washington DC, where

she developed national policy in conformance with the Safe Drinking Water Act, participated on workgroups for regulatory development, and implemented programs to improve system sustainability and small system compliance. Katie has a BS in Chemical Engineering from MIT and an MS in Chemical Engineering from Tufts University. She is a registered Professional Engineer in CA and a certified Envision Sustainability Professional.

## SESSION III

### Paul Weghorst



Paul Weghorst is currently serving as the Executive Director of Water Policy at Irvine Ranch Water District. His responsibilities include overseeing the District's water use efficiency programs, water banking and transfer projects, recycled water customer development programs, the District's public affairs and all District regulatory and environmental compliance activities. He is also responsible for the District's water supply reliability programs, energy master planning, salt management programs and numerous policy initiatives. Mr. Weghorst has worked at Irvine Ranch Water District for 9 years. Prior to coming to the District, Mr. Weghorst worked for the U.S. Bureau of Reclamation in Denver, Colorado where he was active for 23 years planning and implementing water supply reliability projects of significance to the 17 western states. Paul graduated in 1982 from the University of Colorado at Boulder with a BS in Civil Engineer and is a registered professional engineer in the state of Colorado.

## SESSION IV

### Paul Kelley, Moderator



Paul Kelley Executive Director of CalDesal. Paul Kelley was born and raised in Sonoma County. He served for 16 years as County Supervisor and 16 years on the Sonoma County Water Agency board. His primary focus was on water, wastewater and transportation infrastructure. During his time on the Sonoma County Water Agency board he led the recycled water efforts, the north coast integrated regional water management plan, the Russian river biological opinion, the Pacific Coast Salmon recovery initiative and the Carbon Free Water by 2015 initiative. Paul received the Friend of Farm Bureau award and received other recognition supporting other economic sectors in Sonoma County. Paul served the Association of California Water Agencies as President also serving on it's board for 10 years, and in 2011 Paul served on the California State Water Commission. Paul started his own consulting business as Paul Kelley Consulting focusing on strategic initiative facilitation in the water, energy, transportation, government, and business arenas. For the past two and a half years, Paul has been the Executive Director of the Bay Area Biosolids to Energy Coalition – successfully guiding the organization in it's advocacy, technology and project efforts.

## SESSION IV

### Tom Pankratz



Tom Pankratz is an independent desalination consultant and the editor of the weekly Water Desalination Report. He is a former vice president of CH2M Hill, and prior to that, served as director of corporate projects for USFilter/Veolia Water.

Tom Pankratz is an independent desalination consultant and the editor of GWI's weekly Water Desalination Report. He has served as an expert advisor on some of the world's largest and most technically complex desal projects and has been appointed to serve on committees by the National Academy of Sciences, World Health Organization, Middle East Desal Research Center and Australia's Nation Center of Excellence in Desalination. A former vice president of CH2M Hill, and the director of corporate projects for USFilter/Veolia Water, he has authored five water-related books, and has been the chapter author of numerous others.

## SESSION IV

### Ron Davis



Ron Davis is currently the Legislative Representative for CalDesal after having had the privilege of serving five years as CalDesal's first Executive Director. CalDesal is an association consisting of both public water agencies and private firms that advocate for environmentally responsible desalination of water and salinity management in California. Mr. Davis served as the State Legislative Director for the Association of California Water Agencies (ACWA) from January 2005 to December 30,

2010. As the State Legislative Director, he managed a team of 6 professionals. Along with his legislative team, he represented the interests of the 450 ACWA members before the California Legislature and the Governor's office. During his tenure at ACWA, Mr. Davis was one of the lead negotiators on numerous high profile water related legislative measures including the historic 2009 Delta Reform Act. A longtime legislative advocate with extensive experience in water-related issues, he represented the Santa Clara Valley Water District before the Legislature for 12 years. Prior to his work at Santa Clara Valley Water District, he served as Assistant Executive Director for the California Municipal Utilities Association and represented a number of private sector clients as a consultant.

## SESSION V

### Mark Donovan GHD, Moderator



Mark Donovan is a Senior Engineer with GHD and has 20 years of experience in seawater desalination and water treatment via membrane technology.

Mark has participated in domestic and international seawater desalination projects in a variety of roles, from membrane and system manufacturer to consulting engineer, and was instrumental in the recent successful delivery of the Carlsbad

Desalination Project.

Currently, Mark is the Desalination Program Manager for the Doheny Desalination Project on behalf on South Coast Water District, and also provides technical support to other GHD seawater desalination projects.

Mr. Donovan is proud to be the new Secretary of CalDesal.

## SESSION V

### Leofwin Clark



Leofwin Clark is a Planner and Senior Sales Director with 30 years' experience in the water, transportation, and environmental sectors. For the past twenty years, he has been focused on the evolution of collaborative delivery to solve infrastructure challenges.

Mr. Clark's recent efforts include the development of decision criteria and analysis tools for the full spectrum of project delivery methodologies in support of various owner advisory roles. As a Vice President at Brown and Caldwell, Mr. Clark also develops market strategy and leads integrated project delivery (IPD) pursuits from identification and positioning through the proposal and negotiations processes.

Mr. Clark holds an Urban Studies undergraduate degree from Columbia College in the City of New York and a Master's Degree in Urban Planning from the Columbia University Graduate School of Architecture, Planning, and Preservation.

In addition to many years of membership on the DBIA Water/Wastewater Committee and as a DBIA Conference Co-Chair, Mr. Clark has served in several Officer and Board roles for the Water Design-Build Council, most recently as e 2016 WDBC President and currently as the Education Committee Chair.

## SESSION V

### Elizabeth Cousins



For more than a decade, Elizabeth Cousins has served as a key advisor on an array of important infrastructure projects delivered through public-private partnerships (P3s) and other alternative delivery methods.

Public and private entities have benefited from her strategic and commercial advice in procuring complex and cutting-edge projects in the transportation, social and water infrastructure sectors. As a former attorney at one of Australia's leading law firms, she advised on some of that country's highest profile P3 deals. She now uses her skills to advance large U.S. projects – from business case and development to implementation and contract administration.

As a result of her deep international and U.S. expertise in P3s and other non-traditional tools, Ms. Cousins is often called upon to help public agency clients launch their own P3 programs to produce high-impact, one-of-a-kind projects. She handles a full range of issues in transactions including participating in industry engagement, developing and finalizing Requests for Qualifications and Requests for Proposals, carrying out contract negotiations, and achieving commercial and financial close.

# ATTENDEE LIST

Blake Acton  
RMB Products

Kim Adamson  
DeepWater Desal, LLC

Kurt Arends  
Zone 7 Water Agency

Jim Atkinson  
Mesa Water District

DeAnne Bradley  
West Basin Municipal Water District

Andrew Brunhart  
South Coast Water District

Charles Busslinger  
Municipal Water District of Orange County

Patricia Chen  
PC Law Group

John Christopher  
Louis Berger US

Nicholas Cohen  
Invenergy LLC

Jeremy Crutchfield  
San Diego County Water Authority

Roy Daly  
LG NanoH2O, Inc.

Donald Dear  
West Basin Municipal Water District

Alexander Fairhart  
Student

Gerry Filteau  
SPI

Hecto Gastelum  
Otay Water District

Diane Gatza  
West Basin MWD

Mark Gracyk  
Helix Water District

Gloria Gray  
West Basin Municipal Water District

William Green  
South Coast Water District

Michael Hadley  
Western Municipal Water District

Paul Hermann  
GHD

Tim Hogan  
TWB Environmental Research and Consulting

Kevin Hunt  
Rincon Consultants, Inc.

Jay Johnson  
Applied Marine Sciences

John Kennedy  
Orange County Water District

Carol Kwan  
West Basin Municipal Water District

Cara Martinez  
Cannon Corporation

Kristine McCaffrey  
Calleguas MWD

Austin Melcher  
Dudek

Eric Miller  
HDR

Joe Monaco  
Dudek

Eric Owens  
West Basin MWD

Phil Paule  
Eastern Municipal Water District

Friday Puskas  
Copperpillar

Nathan Reynolds  
GEOSCIENCE Support Services, Inc.

## ATTENDEE LIST (CONT.)

Phil Rosentrater  
Salton Sea Authority

Michae Ross  
California Department of Water Resources

Joel Scalzitti  
Helix Water District

David Schneider  
Veolia North America

Karl Seckel  
Municipal Water District of Orange County

Robert Shaver  
Alameda County Water District

Paul Shoenberger  
Mesa Water District

Richard Svindland  
California American Water

Warren Teitz  
Metropolitan Water District of Southern  
California

Ethan Temianka  
Mesa Water District

Gordon Thrupp  
Geosyntec Consultants

Natalie Thurn  
CalDesal

Celine Trussell  
Trussell Technologies, Inc.

DeAna Verbeke  
Helix Water District

Mark Williams  
GEOSCIENCE Support Services, Inc.

Stan Williams  
Poseidon Water

Bob Yamada  
San Diego County Water Authority

# SAVE THE DATE

May 10, 2017  
Monterey, CA

Board Meeting  
7:00 am

CalDesal Mixer  
5:00 pm - 7:00 pm



2520 Venture Oaks Way, Suite 150,  
Sacramento, CA 95833

Phone: (916) 239-4099 • [www.caldesal.org](http://www.caldesal.org)