2019 Annual Symposium
“Increasing Membrane Consciousness: How the Southwest Continues to Improve Membrane Treatment”
June 24-26, 2019

Contact Hours/PDHs (Water & Wastewater)
AZ 10.5 Contact Hours (Approved)
CA 13.5 Contact Hours (Approved)
NM 9 Contact Hours (Approved)
NV 10.5 Contact Hours (Approved)

The Mission Inn Hotel & Spa
3649 Mission Inn Avenue
Riverside, CA 92501

Riverside Convention Center
3637 Fifth Street
Riverside, CA 92501

Registration & Brochure Available Now
www.swmoa.org
888-463-0830
Click Here to book Hotel Reservation
WHAT YOU WILL LEARN
SWMOA is dedicated to educating and training owners and operators of membrane systems and always tries to bring valuable information to our members. The 2019 Annual Symposium “Increasing Membrane Consciousness: How the Southwest Continues to Improve Membrane Treatment” opens with a fantastic slate of speakers kicked-off by our keynote speakers, Troy Walker and Yan Zhang. The opening session will be focused on membrane advancements, overview on the WRD’s new facility, along with a regulatory update by the California’s State Water Resources Control Board, Division of Drinking Water and an update on the Advanced Water Certification Program. Day Two will include presentations on operations & system performance, plus a facility tour of the City of Corona’s Temescal Desalter followed by an evening sponsored Baseball Game/Networking Event. Day Three will kick-off with the popular interactive operator round-table discussion and will conclude with a session on lessons learned and case studies. These sessions along with time to share and network with your colleagues and peers shapes up to be a not to miss event!

Monday, June 24th

9:00 - 12:00  Exhibitor Set-Up
9:00 - 4:15  Registration
9:00 - 1:00  Best Tasting Membrane Water Competition Submission (Deadline 1:00 pm)
11:30 - 12:30  On Your Own for Lunch
12:30 - 4:15  SESSION 1: Keynote Presentations & Membrane Insights
Moderator: Wayne Wright, SWMOA Board
12:30 - 12:45  Introduction & Opening Remarks
Wayne Wright, Program Chair
12:45 - 1:00  Welcome
Tom Knoell, President of SWMOA
1:00 - 1:45  Keynote Speaker: We Know Where We’ve Been, Do We Know Where We’re Going?
Troy Walker, Hazen and Sawyer
1:45 - 2:30  Addressing Potable Reuse Certification Needs with AWTO™ Certification
Alec Mackie, California Water Environment Association
Yan Zhang, Ph.D., P.E., City of Long Beach Water Department
2:30 - 3:00  Refreshment Break (Best Tasting Membrane Water Judging)
3:00 - 3:15  Advanced Water Treatment - A True WIN for WRD
Phuong Watson, Water Replenishment District of Southern California
3:15 - 3:45  Division of Drinking Water Regulatory Update
Eric Zuniga, State Water Resources Control Board, Div. of Drinking Water
3:45 - 4:15  Interactive Panel Discussion
Speakers Listed Above
4:30 - 5:30  Networking Reception at Mission Inn

HOTEL INFORMATION
The Mission Inn Hotel & Spa
3649 Mission Inn Avenue
Riverside, CA 92501

A group rate of $149 single/double for deluxe rooms, plus taxes and local fees, for reservations made on or before May 31, 2019 based upon availability.

Make your lodging arrangements directly with the hotel: 951-784-0300 ext. 850/800-843-7755 and refer to SMO 0622 2019 for the discounted room rate. The hotel offers complimentary use of fitness center, steam room, business center, and internet in guest rooms.
Tuesday, June 25th

8:00 - 8:30  Continental Breakfast

8:30 - 12:00  SESSION 2: Operations & System Performance
Moderator:  Tracy Manning, Mesa Water District

8:30 - 9:00  Managing Pre-Treatment Processes Upstream of Ultrafiltration Membranes for Optimal Plant Performance
Laurin Benson, P.E., Suez Water Technologies & Solutions

9:00 - 9:30  Evaluating Biological and Organic Fouling of MF and UF at 1 MGD Potable Reuse Demonstration Facility
Aviv Kolakovsky, Trussell Technologies, Inc.

9:30 - 10:00  Demonstration Testing of Direct Retrofit PVDF Membranes for GWRS Plant Expansion
James Vickers, P.E., Separation Processes, Inc.

10:00 - 10:15  Refreshment Break

10:15 - 10:45  The Missing Link: Increasing RO Pathogen Removal Credit Using Traditional Practices
Mike Dummer, P.E., Separation Processes, Inc.

Ronald Lutge, City of Oceanside

11:15 - 11:45  Plant Overview - City of Corona’s Temescal Desalter
Gabriela Handley, Separation Processes, Inc.

11:45 - 1:15  Awards Luncheon/Membership Meeting

1:15 - 4:15  SESSION 3: Facility Tour: City of Corona’s Temescal Desalter
Moderator:  Justin Amon, City of Corona

1:15 - 1:30  Load Bus

1:30 - 2:15  In Route from Convention Center to Temescal Desalter

2:15 - 3:45  Tour Plant: City of Corona’s Temescal Desalter
Justin Amon and Chase Michelotti, City of Corona

3:45 - 4:15  In Route from Plant to Convention Center

4:15 - 5:45  Networking & Refreshment Break in Exhibit Hall

6:00 - 10:00  In Route from Convention Center to Baseball Game/Baseball Game & Networking Event
In Route back to Mission Inn

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Inland Empire 66ers
of San Bernardino

Inland Empire 66ers
vs
Lancaster JetHawks

Thank You
Baseball Game & Networking Event Sponsors

Vertical Pump Specialists

WRD
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
Wednesday, June 26th

8:00 - 8:30 Continental Breakfast

8:30 - 10:15 SESSION 4: Interactive Operator Round-Table Discussion
Moderator: Richard Salas, City of Long Beach Water Department

8:30 - 10:15 The Interactive Operator Round Table Discussion with focus relevant to the water/wastewater industry.
Topics will include:
  - Water Resources
  - Effective & Efficient Operations
  - Trouble Shooting & Problem Solving Techniques

10:15 - 10:30 Refreshment Break

10:30 - 12:00 SESSION 5: Lessons Learned & Case Studies
Moderator: Jason Diamond, P.E., Suez Water Technologies & Solutions

10:30 - 11:00 Moving from NIPS UF Membranes to TIPS UF Membranes, Lessons Learned
Steve Dishon, South Coast Water District
Michael Grossman, Scinor Water America, LLC

10:00 - 11:30 Fallbrook Public Utilities Department - A New RO Plant in the Heart of Avocado Country
Alex Wesner, Separation Processes, Inc.

11:30 - 12:00 The Four Essential Factors for a Successful CIP
Nagham Najeeb, Avista Technologies, Inc.

12:00 - 12:15 Symposium Concluding Remarks
Wayne Wright, SWMOA Program Chair

12:30 - 3:30 SWMOA Board Meeting
Reach key decision makers in the membrane technology industry in a short amount of time. This Symposium offers great opportunities. Exhibitors will receive a list of attendees two weeks prior to event (sent via email).

EXHIBITS are allocated on a first come/first serve basis upon receipt of 10% deposit and registration form. Deposit fee must be paid by April 19, 2019 and full payment due by May 17, 2019 or deposit and booth space will be forfeited.

All Exhibitors must have company membership (not individual membership with SWMOA).

Each Table Top Exhibit will cost $750.

All Table Top Exhibitors will receive:
- One 6’ Table (Chairs are available upon request)
- One full attendee registration to the Symposium
- Electricity is available from the Hotel for an additional fee

All sponsorship is available on a first-come, first-serve basis and recorded based upon receipt of registration form and full payment.

- Platinum Level...available at $2,000
  Includes 1 Exhibit Space or 2 Full Registrants, and Recognition at Welcome Reception and Lunch Events
- Gold Level...available at $1,500
  Includes 1 Exhibit Space or 2 Full Registrants, and Recognition at Lunch Events
- Silver Level...available at $800
  Includes recognition at Breaks (does not include registrant)
- Bronze Level...available at $500
  Includes recognition at Breaks (does not include registrant)

All sponsors will receive:
- List of attendees sent via e-mail two weeks prior
- Acknowledgement in the attendee materials - 100-word company description
- Sign recognition during the program

Symposium materials, welcome reception, refreshment breaks, lunches, networking reception, facility tour and certificate of attendance. Registration fee does not include lodging or other meals. Registration fees must be paid by June 21, 2019; on-site registrations will be accepted with payment.

Written cancellation requests received by SWMOA on or before May 17, 2019 will receive a refund, less a $50 processing fee. Full payment is required if cancellation is received on or after May 18, 2019 - no refunds and no credits for future events will be granted. However, substitutions may be made at any time. SWMOA reserves the right to make changes in programs and speakers, or to cancel programs when conditions beyond its control prevail. Every effort will be made to contact each enrollee if a program is cancelled. If a program is not held, SWMOA’s liability is limited to the refund of the program fee only toward the scheduled event.
JUNE ’19 - REG. FORM
Southwest Membrane Operator Association (SWMOA)
PH: 888–463–0830  E-mail: events@swmoa.org
1035 E. Vista Way, #103  Vista, CA 92084  www.swmoa.org

Name: ____________________________  Job Title: ____________________________
Company: ____________________________
Mailing Address: ____________________________
Ph: ____________________________  Cell: ____________________________
E-mail: ____________________________  Billing E-mail: ____________________________

☐ YES ☐ NO: I would like to receive email messages from SWMOA about Events, Newsletter or Activities.
☐ YES ☐ NO: I would like to network with SWMOA Members, Operators, Attendees, Speakers, Moderators, Exhibitors, Sponsors or Board, please share my contact information (cell phone # will not be included).
(Attendee materials will be sent approx. 2 weeks after event, provide an email address compatible to receive and/or access HighTail messages. If other than listed above, provide here: ____________________________________________________________________) License Type: ______ License (i.e., Grade 1-5): ______  State: ______  Lic #: ______

Annual Symposium: (CEUs/PDHs are included with Registration)

Registration & Payment must be received by:  May 17th  On/After May 18th  Amount
Full Symposium - Members/Affiliates  $400  $450
Full Symposium - Non-Members  $500  $550
Speaker/Full-Time Student (must submit ID)/Retired  $300  $350
One Day Only - Tuesday  $300  $350
Half Day Only - (Select Day: ☐ Mon  ☐ Wed)  $200  $250
Guest/Spouse Networking Reception: Mission Inn Hotel  $35  $45
Guest/Spouse Awards Luncheon:  $50  $60
Guest/Spouse Networking Event: Baseball Game  $35  $45
Cannot Attend - Purchase Materials:  $30  $30

Exhibit-Table Top: ☐ $750

Spaces are selected onsite - first come, first served
Sponsor: ☐ Platinum $2,000  ☐ Gold: $1,500  ☐ Silver: $800  ☐ Bronze: $500

State/Federal Regulators interested in attending, please contact staff for more info: email or 888–463–0830

I will attend the following functions, which are included in the registration fee:

Networking Reception  Mon., Jun. 24 - 4:30-5:30 p.m.  ☐ Yes  ☐ No
Facility Tours  Tues., Jun. 25 - 1:15-4:15 p.m.  ☐ Yes  ☐ No
Baseball Game  Tues., Jun. 25 - 6:00-10:00 p.m.  ☐ Yes  ☐ No

Will you be staying at the Mission Inn Hotel & Spa?  ☐ Yes  ☐ No

How many nights: ____________

For Security Purposes, SWMOA encourages you to use the Easy Online Registration and Secure Credit Card and eCheck Payment Processing Now Available at: www.swmoa.org

Special Needs:
☐ Food Allergies (provide specifics)
☐ Gluten Free
☐ Halal Meals
☐ Vegan Meals
☐ Vegetarian Meals
☐ Wheelchair Access
☐ Other: ________________

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