



# Water Matters

News for the  
Orange County  
Water Community

JULY, 2016



## Mark D. Sobsey to Receive 2016 Clarke Prize for Contributions to the Microbiological Safety of Water

The National Water Research Institute (NWRI) has announced Mark D. Sobsey, Ph.D., will be the twenty-third recipient of the NWRI Athalie Richardson Irvine Clarke Prize for excellence in water research. Sobsey is the Kenan Distinguished Professor of Environmental Sciences and Engineering in the Gillings School of Global Public Health at the University of North Carolina at Chapel Hill (UNC).

The NWRI Clarke Prize is awarded each year to recognize research accomplishments that solve real-world water problems and to highlight the importance and need to continue funding this type of research. Sobsey's leadership and contributions to the fields of environmental health microbiology, virology, and water sanitation and hygiene were among the reasons cited for his selection as the 2016 recipient. "Professor Sobsey is an outstanding choice for the Clarke Prize," said Jeff Mosher, Executive Director of NWRI. "His research has resulted in tremendous advancements in the water industry, particularly in minimizing the risk of exposure to waterborne disease."

A microbiologist and environmental health scientist by training, Sobsey has worked nationally and globally for 45 years to improve water quality and protect public health. He has led groundbreaking efforts to understand, detect, and control waterborne viruses

(such as norovirus and Hepatitis A and E viruses), bacteria, and parasites, and his work has directly influenced the development of guidance and policies by prominent public health safety organizations like the U.S. Environmental Protection Agency, Centers for Disease Control and Prevention, and World Health Organization.



The Clarke Prize will be presented to Sobsey on Thursday, November 3, 2016, at the Twenty-Third Annual NWRI Clarke Prize Lecture and Award Ceremony, to be held in Newport Beach, California. He will receive the award from James Irvine Swinden and Morton Irvine Smith, grandsons of NWRI's co-founder, the late Athalie Richardson Irvine Clarke. The award ceremony will precede the annual NWRI Clarke Prize Conference on Urban Water Sustainability, featuring a mix of leading-edge research by academics complimented with practical case studies by industry practitioners.

"The award of the Clarke Prize to Mark Sobsey," said Dr. George Tchobanoglous, Professor Emeritus of the University of California Davis and Chair of the Clarke Prize Selection Committee, "is in recognition of an illustrious career hallmarked by fundamental inquiry, the development of analytical methods and techniques, and the application of research findings and scientific principles to the solution of practical environmental problems."

"I am thrilled to be the 2016 Clarke Prize recipient," said Sobsey. "It is a great honor to receive this prestigious prize and join such a distinguished group of past recipients. I hold these colleagues in the highest regard for their outstanding research and practice contributions to the water field, and am humbled and pleased to be counted among them."

More information about the NWRI Clarke Prize Conference and Award Ceremony can be found at [www.clarkeprize.com](http://www.clarkeprize.com).

### Register for Clarke Conference

Register now to take advantage of reduced registration rates for the 2016 NWRI Clarke Prize Conference, to be held Friday, November 4, in Newport Beach. The conference will feature talks by distinguished water resources experts from various academic institutions and water management agencies.

University faculty who register for the conference may bring three of their students to the conference for free. To register, visit [www.ClarkePrize.com/registration.html](http://www.ClarkePrize.com/registration.html).

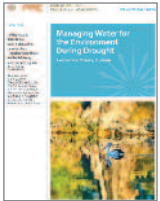
# Communications Toolkit Available for Conservation

The Association of California Water Agencies has prepared a communications toolkit for use by members in messaging to customers the transition to a new emergency conservation regulation and the importance of ongoing water conservation.

Toolkit materials stress that it is important that agencies continue to promote conservation as a way of life. The public

## Report on Managing Water During Drought

The Public Policy Institute of California's Water Policy Center recently published *Managing Water for the Environment During Drought: Lessons from Victoria, Australia*. Both California and



Victoria, Australia, experience similar challenges in managing freshwater-dependent ecosystems and native species during drought. Both states have experienced controversy over allocating water to meet environmental, agricultural, and urban needs.

But while California's environment and native species has been negatively affected by the current drought, Victoria's water policies helped prevent serious biological losses during a longer period of drought. Click [here](#) to download the report.

needs to know that the elimination of state-imposed specific standards is not a move away from a conservation ethic.

The toolkit includes:

- A FAQ on the California drought and the modified conservation regulation
- Talking points on the modified conservation regulation, the value of local investments in drought-resilient supplies, and the need for long-term conservation
- A sample newsletter, website story, and social media content

The complete toolkit is available to download [here](#).

ACWA also has scheduled a webinar June 28 to provide information on the modified regulation, ACWA's external affairs strategy, communications resources and recommended messaging. Information on the webinar is available [here](#).

Members with questions about the communications toolkit and recommended outreach activities should contact ACWA Director of Communications Lisa Lien-Mager at (916) 441-4545 or [lislalm@acwa.com](mailto:lislalm@acwa.com).



## 37<sup>th</sup> Annual OCWA Golf Tournament

Monday, June 6, 2016 • Corporate Sponsors

*The following companies joined with OCWA to sponsor this year's Golf Tournament.*

<b>AES Water Inc.</b> . . . . .	<i>Darik Walton</i>	<b>Kennedy Pipeline</b> . . . . .	<i>Mike Trumbo</i>
<b>American Geotechnical, Inc.</b> . . . . .	<i>Sherie Haeggstrom</i>	<b>Mainline Sales</b> . . . . .	<i>Jon Christy</i>
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<b>Bingham and Taylor</b> . . . . .	<i>Mark Delancellotti</i>	<b>MISCO Water</b> . . . . .	<i>Tom Roberson</i>
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<b>Cla-Val Company</b> . . . . .	<i>Larry Van Der Kolk</i>	<b>Paulus Engineering, Inc.</b> . . . . .	<i>Jason Paulus</i>
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<b>DUDEK</b> . . . . .	<i>Frank Dudek</i>	<b>Psomas</b> . . . . .	<i>Mike Swan</i>
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<b>Fieldman, Rolapp &amp; Associates</b> . . . . .	<i>Tom Demars</i>	<b>Richard Slade &amp; Associates</b> . . . . .	<i>Richard Slade</i>
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<b>Geocon West, Inc.</b> . . . . .	<i>Jeff Hull</i>	<b>Stantec</b> . . . . .	<i>Robert Reid</i>
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<b>Guida Surveying, Inc.</b> . . . . .	<i>Ralph Guida</i>	<b>Tetra Tech</b> . . . . .	<i>Mark Bush</i>
<b>HDR Engineering</b> . . . . .	<i>Steve Friedman</i>	<b>Trench Shoring Co.</b> . . . . .	<i>Al Scappaticci</i>
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<b>Kato Landscaping</b> . . . . .	<i>Randy Kato</i>	<b>United Water Works</b> . . . . .	<i>Jerry Canada</i>

# One Word . . . Perfection. Really. Really.

By MIKE SINACORI, *Chairman, OCWA Golf Tournament*

The 37<sup>th</sup> Annual Golf Tournament was held on Monday, June 6<sup>th</sup>, at the Newport Beach Country Club (NBCC). This was our 23<sup>rd</sup> year at NBCC and it was another great event even though the clubhouse was STILL under construction.

The shotgun started this year at 11:50 a.m. right after the new BBQ lunch that was provided for everyone. Our goal was to finish the round in under five hours and everyone rolled back into the makeshift clubhouse area around 4:45. By next year (if we can still afford it) we will be in a brand new banquet room as the clubhouse should be completed this summer.

The event was held on a day typical of spring Southern California with temperatures in the mid-70's and pretty mild winds again. The day was just spectacular and the course was in perfect shape as usual. That combination added to the better than average scoring, which I will discuss a bit later. We are so fortunate to still be on the annual list of events that are held at NBCC and we again heard nothing but compliments about the course. I would even go further and say that the entire day was absolute perfection. In all the years we have been there I honestly can't remember a day that was any better than what we had this year.

We are working to secure our spot for next year and expect rate news within days. We are expecting an increase so brace yourself for entry fees to rise next year, probably to \$175 per player. By the way, the reason we are allowed back at all is due in part because our group treats the course with the upmost respect. For that, the Golf Committee thanks you and let's hope it helped keep our rates down!

Now, on to the fun stuff: The awards ceremony began at about 5:00, where a steak fajita appetizer was provided. This year we had 113 players with everyone showing! The two Las Vegas holes this year, along with the putting contest, gave everyone a chance to win some of the \$5,000 worth of prizes. We gave away rounds of golf, numerous individual clubs, and a complete set of irons. Not to mention all the other great opportunity prizes! Each par 3 had a closest to the pin contest and there were two

long drive contests.

Prizes were awarded to the top three low gross players and the top three in two separate flights for net players. Always fun as an engineer to show the statistics of the participants – 5 players scored in the 70's and 25 players scored in the 80's (a few more below 90 this year). The average score also dropped to 95 this year as the playing conditions were again absolute perfection. The highest posted score was 141 out of the 160 maximum allowed.

Like many of us, I don't remember a round (or very few) where I came home and said "I



shot as good as I could today!" No matter what your index is, we always try to do better than the last time and there is always the shot, or two, or ten that we want back. But, most importantly we are there to enjoy the game and have fun.

I truly believe the OCWA Golf event is one

of the most enjoyable in the industry. I know it is for me, though my score is always higher than it should be. This year is no exception.

**Next year is tentatively set for June 5<sup>th</sup>, 2017.** Mark your calendars and sign up early!

## Event Winners (Scores)

### 1<sup>st</sup> Low Gross (70)

Brett Bockman, *Skanska*

### 2<sup>nd</sup> Low Gross (76)

Mike Dunbar, *Emerald Bay Service District*

### 3<sup>rd</sup> Low Gross (76)

Terry Peelier, *California Water Company*

### 1<sup>st</sup> Low Net Flight "A" (94/70)

Rich Nagel, *West Basin Municipal Water Dist.*

### 2<sup>nd</sup> Low Net Flight "A" (93/72)

Dennis Cafferty, *El Toro Water District*

### 3<sup>rd</sup> Low Net Flight "A" (95/72)

Jeff Dunn, *Stantec*

### 1<sup>st</sup> Low Net Flight "B" (98/73)

Mike Torres, *Trench Shoring*

### 2<sup>nd</sup> Low Net Flight "B" (98/73)

Joe Costantino, *IRWD*

### 3<sup>rd</sup> Low Net Flight "B" (104/73)

Mark Delancellotti, *Bingham and Taylor*

### Long Drive Hole No. 3

Matt Janelli, *City of Huntington Beach*

### Long Drive Hole No. 10

Tom Roberson, *MISCO*

### Closest to the Pin No. 4 (1'-11")

Mike Swan, *Psomas*

### Closest to the Pin No. 8 (13'-1")

A.T. Kilani, *IRWD (Retired)*

### Closest to the Pin No. 13 (8'-10")

Steve Agor, *Skanska*

### Closest to the Pin No. 17 (13'-3")

Fred Wickman, *Atkins Global*

A special thanks to the Golf Committee Members. These unsung golf heroes make the event what it is. Please give any one of the committee members a call if you have suggestions on how to make this event even better next year. Also, a special thanks to the Newport Beach Country Club for their generous hospitality. Only a few tournaments are invited back every year. We are proud to be one of them.

The OCWA Board and Golf Committee would like to thank all of the 40 sponsors that made the event possible. Without their contribution, the BBQ lunch, awards appetizers, and prizes would not be possible. Their addresses and phone numbers are in the OCWA Directory. And with that, thanks for playing and see you next year.

## Golf Committee

### Mike Sinacori

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Check-In & Las Vegas Holes – (714) 402-8870

### Malcolm Cortez

Tee Signs & Putting Contest – (949) 453-5551

### Bob McVicker

Prizes & Putting Contest – (714) 904-3819

### Chuck Borkman

Prizes & Putting Contest – (949) 933-8905

### Dennis Cafferty

Check-In & Scoring – (949) 837-7050, Ext. 223

### Andy Komor

Scoring Assistance – (714) 481-7225



## Board of Directors

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OCWA's Board of Directors meets on the third Wednesday of each month, unless notified otherwise. The next meeting is scheduled for:

**July 20, 2016 ♦ 10:30 am to Noon**

Dave & Buster's Restaurant ♦ Irvine Spectrum Entertainment Center

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## Monthly Luncheon Sponsorship Opportunities

OCWA is soliciting for sponsorship of OCWA Luncheons. Sponsorship is available for \$250. Sponsors must be a current OCWA member. A table is made available at the meeting for the sponsor to display their company or agency information, and the sponsor receives one free lunch. Sponsors will be provided announcement space in the newsletter and will be verbally recognized before and after the luncheon. During lunch, sponsors can play a PowerPoint slide presentation, and will be given a few minutes to address the group about their company before the Speaker's presentation.

If you are interested in participating, please contact John Robinson, (626) 375-9389, or you may email him at [jrobinson@johnrobinsonconsulting.com](mailto:jrobinson@johnrobinsonconsulting.com)

## July Luncheon Topic

# Status of Direct Potable Reuse (DPR) in California



*Presenter:*

**Jeff Mosher**

*Executive Director,*

*National Water Research Institute*

New strategies are needed to help meet future water demands and develop more sustainable water supplies. One such strategy, direct potable reuse (DPR) – the use of treated wastewater to augment public water supplies – is gaining strong interest in California and other water-scarce states.

This presentation will provide information on the status of DPR efforts in California and in current research and regulatory development efforts. Specifically, the following topics will be covered:

- Status of the current DPR Expert Panel and DPR Advisory Group efforts administered by NWRI on behalf of the State Water Resources Control Board.
- Summary information in a recent WaterReuse publication titled, *Framework for Direct Potable Reuse* (2015).
- Relevant topics and issues that have emerged as a result of discussions on regulatory and water quality criteria options.

Additional information about DPR in California is available here:

<http://www.nwri-usa.org/ca-panel.htm> and here:

[http://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/RW\\_SWA\\_DPExpertpanel.shtml](http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/RW_SWA_DPExpertpanel.shtml)

**Wednesday, July 20, 2016**

Dave & Buster's Restaurant ♦ Irvine Spectrum Entertainment Center

**11:30 am: Registration ♦ 12:00 – 1:30: Lunch & Presentation**

OCWA Members with Reservations.....	\$30	Non-Members with Reservations.....	\$40
OCWA Members without Reservations ..	\$40	Non-Members without Reservations.....	\$40

*Reservations must be made by Noon, Tuesday, July 19, to qualify for the Reservation Rate. Cancellations received AFTER this date CANNOT be refunded.*

**To make reservations, please go to the OCWA website: [www.oc-water.org](http://www.oc-water.org)**

*For more information, contact Leticia Villarreal at (714) 378-3203*

*Please identify yourself by name and membership number (number is printed on the newsletter mailing label.)*

**RSVP IS A FINANCIAL COMMITMENT. NO-SHOWS WILL BE BILLED**

*Jeff Mosher serves as Executive Director of the National Water Research Institute (NWRI), a 501c3 nonprofit located in Fountain Valley, California. His work focuses on improving water quality, evaluating advanced treatment technologies, protecting public health, and addressing regulatory issues.*

*At NWRI, Jeff supports a variety of projects on water reuse, desalination, and other new sources of water supply. He has led a number of NWRI independent advisory panel efforts for addressing the implementation of water supply projects, water resources, and water policy.*

*Jeff also administers the Expert Panel on reviewing and evaluating the feasibility of developing criteria for direct potable reuse in California.*