



*"The Voice of Water Quality in the Arid West"*

## **WESTCAS 2016 Fall Conference**

**October 26-28, 2016**

**Crowne Plaza Phoenix Airport Hotel**

**Phoenix, AZ**

***"Innovations in Technology and Policy!"***

*As the President of WESTCAS, please accept our invitation to participate in our 2016 Fall Conference in Phoenix, Arizona. The agenda focuses on emerging technological innovations and how they can shape water policy. Are drones part of your future? Can a multi-parameter Sonde provide the real-time decision making data managers need? In addition, distinguished professionals from government, academia, and industry will offer insights on collaborative approaches to solving some of the most challenging water resource and water quality problems. Attendees at the Fall Conference will not only learn about emerging issues, they will also experience them as **we are deploying to the field with a guided tour of Tempe Town Lake and its new, hydraulically-operated steel gate dam—one of the largest in the nation!***

*Please consider joining us and staying for the weekend to enjoy all that Phoenix has to offer.*

*~Kelly Collins, President, WESTCAS*

## Phoenix



Phoenix is red rocks, blue sky and golden sunshine. Phoenix is mountain trails and city lights. Phoenix is palm-canopied resorts and mural-adorned streetscapes. Phoenix is the cosmopolitan urban heart of Arizona.

For those who like the great outdoors, the Sonoran Desert is a great place to play and is home to the kind of cactus most people only see in cartoons. The majestic saguaro, found in no other desert in the world, can grow as tall as 50 feet and live as long as 200 years. And you don't necessarily need hiking boots or a mountain bike to see one: Professional outfitters are happy put adventurous sightseers in the saddle of a horse, the seat of a Jeep, the basket of a hot-air balloon or the harness of a glider.

A highlight of any visit to Phoenix is the area's rich arts-and-culture environment. Performances at a multitude of theaters, concert halls and cultural centers are constant attractions, while art and history lovers can flock to a diverse group of fascinating museums.

When the business day ends, the fun begins in downtown Phoenix. This is where you'll find sports arenas, live music, rooftop lounges, museums, theaters, art galleries and more than 100 restaurants. CityScape, a two-block concentration of restaurants, bars, and fashion retailers, is home to an urban-chic bowling alley, a dance club and arcade, a live-music venue with 60 beers on tap, and a comedy theater and supper club. Pro sports are almost always afoot at Talking Stick Resort Arena (formerly known as US Airways Center and home of the Phoenix Suns and Phoenix Mercury) or Chase Field (home of the Arizona Diamondbacks), and Roosevelt Row is the place to go for coffee shops, art-house movies and First Friday Art Walks. And it's all served by one of the newest light rail systems in the nation.

## **HOTEL INFORMATION**



**Crowne Plaza Phoenix Airport Hotel, 4300 E. Washington Street, Phoenix, AZ  
85034 - 602-273-7778**

WESTCAS has reserved a block of rooms at the Crowne Plaza Phoenix Airport Hotel for the nights of Tuesday, October 25 through Friday, October 28. The WESTCAS group rate is \$129.00 per room per night for single or double occupancy. Room tax is 12.57%. **For room reservations please call 1-888-233-9527 and identify yourself with the WESTCAS group no later than Wednesday, October 5<sup>th</sup>. You can also make reservations on-line at <https://aws.passkey.com/g/57132378>**

Reservations made after October 5th are on a space available basis only. Check in time is 3:00PM MST; Check out time is 12:00noon MST. **Please note that your sleeping room rate includes the following *complimentary* amenities:**

- Full Express Breakfast for up to two people per room per day
- 24 Hour Airport Shuttle – **Please call the hotel at 602-273-7778 after retrieving your baggage**
- Valet Parking for Registered Guests with in/out privileges
- Wireless Internet Access throughout the property
- 24 Hour Fitness Center
- 24 Hour Business Center

The hotel is located one mile from the Phoenix Sky Harbor Airport. A Valley Light Metro and PHX Sky Train stop is directly in front of the hotel, where you can easily go to the Downtown Phoenix, Tempe, or the Airport. Its central location offers a quick and easy way to enjoy downtime options such as:

Pueblo Grande Archeology Museum - 1 block  
Phoenix Zoo - 3 miles  
Tempe (Mill Avenue) - 4 miles  
Stellar Adventures - 4 miles  
Arizona Diamondbacks (Chase Field) - 5 miles  
Talking Stick Resort Arena - 5 miles

Papago Golf Course - 2.5 miles  
Desert Botanical Garden - 4  
Arizona Mills Outlet Mall - 4 miles  
Arizona State University - 5 miles  
Downtown Phoenix - 5 miles  
Heard Museum - 5 miles

# WESTCAS FALL CONFERENCE PROGRAM AGENDA

| Wednesday - October 26 |   |
|------------------------|---|
| Time                   | Speaker/Event   |
| 8:00am                 | Registration Opens  |
|                        | Morning Coffee – Sponsored by the Colorado River Water Conservation District  |
| 8:30am                 | Welcome - Kelly Collins, President, WESTCAS   |
|                        | <p><i>“Bureau of Reclamation, Lower Colorado River Update”</i><br/>           Leslie Meyers, Manager, Phoenix Area Office, U. S. Bureau of Reclamation</p> <p style="text-align: center;"><b>“EVAP – A Four Letter Word?”</b></p> <ul style="list-style-type: none"> <li>• Colorado River Shortage Declaration. 2017? 2018?</li> <li>• Evaporation and the Colorado River Compact</li> <li>• 24 Month Study</li> <li>• USBR Budget Outlook</li> <li>• Title XVI Grants</li> <li>• Pilot System Conservation Program Concepts &amp; Plans</li> </ul> |
|                        | <p><i>“NACWA Initiatives”</i><br/>           Adam Krantz, Esq., CEO, National Association of Clean Water Agencies</p> <ul style="list-style-type: none"> <li>• Clean Water Initiatives</li> <li>• Presidential Campaign Updates</li> <li>• New Sludge Survey</li> <li>• Highlighted Work of NACWA Members</li> </ul>  |
|                        |   |
| 10:00am                | Break   |
| 10:15am                | <p><i>“Verde River Exchange – Water Offset Program”</i><br/>           Chip Norton, President, Friends of the Verde River Greenway<br/>           Jocelyn Gibbon, Esq., Freshwater Consulting, LLC</p>  |
|                        | <p><i>“Tempe Grease Cooperative-A New Paradigm for the F.O.G. Frontier”</i><br/>           David McNeil, Environmental Services Manager, City of Tempe</p>  |
|                        | <p><i>“State authorized Clean Water Act Section 404 permit programs and assumable waters; recommendations from the Assumable Waters Subcommittee.”</i> Trevor Baggiore, Director, Water Quality Division, ADEQ</p>  |
| 12:00pm                | <p><i>Welcome to Phoenix</i> – Kathryn Sorensen, Director of Phoenix Water Services<br/>           Networking Lunch at Phoenix Crowne Plaza Hotel, Hosted by WESTCAS</p>  |
| 1:30pm                 | <p><i>“Unmanned aerial vehicles (UAVs) &amp; water resource management. Will UAVs become your new frequent flyers?”</i><br/>           Presented by AeroVironment™ - Matthew Ziska, Director of Business Development and Nazlin Kanji, Director of Operations</p>   |
|                        | <p><i>“Sondes: Use of Applied Technology for Real-Time Watershed Monitoring”</i><br/>           Michael Ploughe, Sr. Environmental Scientist, Salt River Project</p>  |

|        |   |
|--------|---|
| 3:15pm | Break   |
| 3:30pm | <p><i>"Mitigating Drought Conditions through Optimizing Aquifer Storage and Recovery Well Operation"</i><br/>Nathan Nutter, P.E., Carollo Engineers</p> <p><i>"Arizona's Effluent Recharge and Recovery: Beyond the State Model"</i><br/>Rebecca F.A. Bernat, PhD candidate, College of Agriculture and Life Sciences, University of Arizona.</p> <p><i>"Hexavalent Chromium: Will There be a New Drinking Water Standard?"</i><br/>Steve Bigley, Environmental Services Manager, Coachella Valley Water District</p> |
| 5:00pm | State Reports – CA, NV, CO  |
| 5:30pm | Evening Reception at Phoenix Crowne Plaza Hotel<br>Hosted by WESTCAS  |
| 7:00pm | No Host Dinner (TBD)  |

| Thursday - October 27 |  |
|-----------------------|--|
| Time                  | Speaker/Event  |
| 8:00am                | Registration Opens   |
|                       | Morning Coffee - Sponsored by Hicks-Ray Associates   |
| 8:30am                | <p>Welcome - Kelly Collins, President - WESTCAS</p> <p><i>"Kyl Center for Water Policy at Morrison Institute, Arizona State University"</i><br/>Sarah Porter, Director</p> <p><i>"Operating and Maintaining Tempe Town Lake and its New Steel Dam"</i><br/>Craig Caggiano, Water Utilities Operation Manager, City of Tempe</p>  |
| 10:00am               | <p><i>Tour of Tempe Town Lake &amp; Dam</i><br/>Craig Caggiano &amp; Stewart S. Vaghti, P.E., Gannett Fleming, Inc.</p> <p><i>Networking Lunch at House of Tricks, Tempe, AZ, will be provided by WESTCAS immediately following the tour.</i></p> <p><i>Note: Round-trip motor coach transportation from conference hotel to Tempe Town Lake and House of Tricks will be provided.</i></p>   |
| 1:30pm                | <p><i>Water Resource &amp; Quality Legal/Regulatory Update</i><br/>Scott Miller, Esq., Partner, Patrick, Miller &amp; Noto, P.C.</p> <ul style="list-style-type: none"> <li>• Lake Mead Water Level – Issues and Ramifications</li> <li>• Texas v. New Mexico and Colorado – Rio Grande Compact dispute</li> <li>• United State Corps of Engineers v. Hawkes, 136 S.Ct. 1807 (2016)</li> <li>• EPA Regulatory update <ul style="list-style-type: none"> <li>○ Regulatory Decision - Forest road runoff/water quality</li> <li>○ Final Rule - Oil and Gas discharges into publicly owned treatment works</li> </ul> </li> </ul> <p><i>WESTCAS Winter &amp; Spring Plan of Action in D.C.</i><br/>Hicks-Ray Associates</p> |

|        |  |
|--------|--|
| 2:45pm | Break  |
| 3:00pm | <i>Current WESTCAS Issues &amp; Actions - Individual breakout sessions for membership engagement and strategy development</i> <ul style="list-style-type: none"> <li>• WOTUS &amp; Water Transfer Rule – Jim Kudlinski, Salt River Project</li> <li>• Letter to the U.S. President-Elect – Kelly Collins, CDM Smith</li> <li>• Water Conservation Tax Rebate – Jolene Walsh, Eastern Municipal Water District</li> </ul> |
| 5:00pm | State Reports – NM, TX, AZ   |
| 5:30pm | Evening Networking Activity followed by No Host Dinner (TBD)   |

### Friday – October 28

| Time    | Speaker/Event                |
|---------|------------------------------|
| 8:00am  | Associates Committee Meeting |
| 9:00am  | WESTCAS Board Meeting        |
| 11:30am | Conference Adjournment       |
|         |                              |
|         |                              |
|         |                              |

(Note: Any times and/or speakers will be updated if changed from above)

# REGISTRATION FORM

**WESTCAS 2016 Fall Conference – October 26-28, 2016 – Crowne Plaza Phoenix Airport Hotel  
Phoenix, AZ**

One form per person. If you paying by check, please copy and mail to Dawn Moore, WESTCAS Administrative Office, 1810 Wynthrop Manor Drive, Marietta, GA 30064. Checks should be payable to WESTCAS. If paying by credit card, please see the link on the Events page.

Attendee name (as it is to appear on the name badge): \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Are you participating in the tour of Tempe Town Lake and the hosted networking lunch  Yes  No. Please check one.

### Registration Types and Fees

|  | Early                | Late                    |                 |
|--|----------------------|-------------------------|-----------------|
|  | <u>By October 15</u> | <u>After October 15</u> | <u>Amount</u>   |
| <b>Member Package Registration</b>                           | \$395.00             | \$425.00                | \$ _____        |
| <b>Non-Member Package Registration</b>                       | \$425.00             | \$450.00                | \$ _____        |
| <b>Emeritus Member Package Registration</b>                  | \$125.00             | \$150.00                | \$ _____        |
| <b>1<sup>st</sup> Time Non-member Attendee Package Reg.*</b> | \$295.00*            | \$325.00*               | \$ _____        |
| <b>One Day – Member - Wednesday only</b>                     | \$225.00             | \$250.00                | \$ _____        |
| <b>One Day – Non-Member-Wednesday only</b>                   | \$250.00             | \$275.00                | \$ _____        |
| <b>One Day – Member - Thursday only</b>                      | \$225.00             | \$250.00                | \$ _____        |
| <b>One Day – Non-Member-Thursday only</b>                    | \$250.00             | \$275.00                | \$ _____        |
| <b>Student Package Registration**</b>                        | \$150.00**           | \$150.00**              | \$ _____        |
| <b>Student – Wednesday Only Registration**</b>               | \$ 75.00**           | \$ 75.00**              | \$ _____        |
| <b>Student – Thursday Only Registration**</b>                | \$ 75.00**           | \$ 75.00**              | \$ _____        |
| <b>Guest/Spouse Lunch Ticket-Wednesday</b>                   | \$ 50.00             | \$ 55.00                | \$ _____        |
| <b>Guest/Spouse Reception Ticket- Wednesday</b>              | \$ 50.00             | \$ 55.00                | \$ _____        |
| <b>Guest/Spouse Lunch Ticket- Thursday</b>                   | \$ 50.00             | \$ 55.00                | \$ _____        |
| <b>TOTAL</b>   |                      |                         | <b>\$ _____</b> |

**WESTCAS Refund Policy:** WESTCAS will offer a full refund of your registration fee if your registration is canceled in writing no later than October 15, 2016. Cancellations received after October 15, 2016 will not receive a refund. Cancellations must be received by WESTCAS via e-mail at [www.westcas@mindspring.com](mailto:www.westcas@mindspring.com) or fax to 770-424-9468.

\*You must be with a non-member organization and this must be your first time attending a WESTCAS conference or Workshop.

\*\*You must be currently enrolled in a college or university as a full time student.