WHOLE WATER CONFERENCE (W2C)

PRELIMINARY TECHNICAL PROGRAM
### TUESDAY, JUNE 24

#### Opening General Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker/Panelists</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Welcome Address Video</td>
<td>Congressman Sam Farr</td>
</tr>
<tr>
<td></td>
<td>Current Drought, Early 21st Century Drought, and California’s Water Future</td>
<td>Dr. Glen MacDonald, Director, UCLA Inst. of Environment &amp; Sustainability</td>
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<td></td>
<td>Whole Water - Lessons from a Career in Water Planning</td>
<td>Paul R. Brown</td>
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</tbody>
</table>

#### Keynote Luncheon

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>12:00 PM</td>
<td>The Divisions are Diminishing: Safe Drinking Water, Clean Water; Surface Water, Groundwater, Recycled Water</td>
<td>Frances Spivy-Weber, State Water Resources Control Board</td>
</tr>
</tbody>
</table>

#### TRACK 1: PLANS & REALITIES

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM</td>
<td>Urban Water Management Plans and Water Shortage Contingency Plans - Current Effect, Coming Changes</td>
<td>George Fagella, California Department of Public Heath</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Panel Discussion Continues</td>
<td>Funding through the United States Bureau of Reclamation Water Conservation Program</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Panel Discussion Continues</td>
<td>Drought Funding Options</td>
</tr>
</tbody>
</table>

#### TRACK 2: LONG TERM FUNDING

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2:00 PM</td>
<td>Panel Discussion Continues</td>
<td>Carmel River Reroute project</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Panel Discussion Continues</td>
<td>Dam removal on Klamath River</td>
</tr>
</tbody>
</table>

#### TRACK 3: DAM REMOVAL PRESENTATIONS

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker/Panelists</th>
</tr>
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<tbody>
<tr>
<td>1:30 PM</td>
<td>Urban Water Management Plans and Water Shortage Contingency Plans - Current Effect, Coming Changes</td>
<td>Funding for Public Water Systems</td>
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<tr>
<td></td>
<td></td>
<td>San Clemente Dam Removal</td>
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<tr>
<td></td>
<td></td>
<td>Funding through the United States Bureau of Reclamation Water Conservation Program</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carmel River Reroute project</td>
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</tbody>
</table>

#### Afternoon Break

<table>
<thead>
<tr>
<th>Time</th>
<th>TRACK 1.2: PLANS &amp; RESPONSE TO SEVERE DROUGHT</th>
<th>TRACK 2.2 STORMWATER AND LOW-IMPACT DEVELOPMENT</th>
<th>TRACK 3.2 ECOSYSTEM RESTORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30 PM</td>
<td>Drought Preparedness at the Sonoma County Water Agency</td>
<td>LID Sizing Tool for California’s Phase II Stormwater Permit</td>
<td>Can’t See the River for the Trees: How to reduce wildfires and replenish streams James Workman and Dr. Helen Poulos, Forestreams</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Conservation Priorities</td>
<td>Flood Control and Stormwater Treatment as Sustainable Groundwater Recharge: 21st Street Improvements in Paso Robles, California</td>
<td>TBD</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>A Zero Allocation from the State Water Project</td>
<td>The Effects of Wildfire on Benthic Macroinvertebrates in Southern California Westin Solutions</td>
<td>TBD</td>
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</tbody>
</table>
# WEDNESDAY, JUNE 25

## Morning Tracks

<table>
<thead>
<tr>
<th>TIME</th>
<th>TRACK 1: INTEGRATED WATER RESOURCE PLANNING</th>
<th>TRACK 2: RECYCLED WATER—CURRENT AND FUTURE BENEFITS FOR SUPPLY RELIABILITY</th>
<th>TRACK 3: C IS FOR CONSERVATION; M IS FOR METERING</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM</td>
<td>Scale and Conflict in Integrated Watershed Planning&lt;br&gt;Michael Vincent McGinnis, Monterey Institute of International Studies</td>
<td>Regulatory Framework for augmenting water supplies (IPR, DPR)&lt;br&gt;Randy Barnard, California Department of Public Health</td>
<td>Metering - AMI feasibility basics&lt;br&gt;Bernard Dunham, Delta Engineering Sales</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>True Integration in an Uncertain Future&lt;br&gt;Elizabeth Betancourt, Forsgren Associates and Vishal K Mehta</td>
<td>Newly Adopted AWWA Recycled Water Standard&lt;br&gt;Ane Deister, Parsons Environment and Infrastructure</td>
<td>Smart Meter Deployment&lt;br&gt;Mark Carey, MC Engineering, Inc.</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Facilitating Total Water Resources and Infrastructure Planning by Integrating Potable Water, Reclaimed Water, and Wastewater Systems in a GIS Environment&lt;br&gt;Venkatraman Radhakrishnan, ARCADIS</td>
<td>On-site Recycled Water Approaches&lt;br&gt;Sarah Rhodes, San Francisco Public Utilities Commission</td>
<td>AMI: Tool to Succeed or Alert Fatigue?&lt;br&gt;Adam Kern and Jennifer Fitch, Stanford University</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>MORNING BREAK</td>
<td>Groundwater Replenishment – Complex Problems: One simple solution&lt;br&gt;Mike McCullough, Monterey Regional Water Pollution Control Agency</td>
<td>Dealing with Drought: Technology and Targeted Messaging as Effective Tools&lt;br&gt;Peter Yolles, WaterSmart Software</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>TBD</td>
<td>Moving past IPR—Reservoir Augmentation and DPR&lt;br&gt;Marsi Steirer, City of San Diego</td>
<td>EPA Water Sense Program; Eric Byous&lt;br&gt;US EPA Region 9</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>TBD</td>
<td>Silicon Valley Advanced Water Purification Center – Transition from Construction to Operations&lt;br&gt;Crystal J. Yezman, Santa Clara Valley Water District</td>
<td>Leveraging Existing Infrastructure to Minimize Monterey’s Water “Footprint”&lt;br&gt;Eric Sabolsice, California American Water</td>
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<tr>
<td>11:30 AM</td>
<td>TBD</td>
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</tbody>
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**KEYNOTE LUNCHEON**

| 12:00 PM | High and Dry: How Monterey Got Stuck in History’s Spider Web | Sandy Lydon, Historian Emeritus, Cabrillo College |
# WEDNESDAY, JUNE 25

## Afternoon Tracks

<table>
<thead>
<tr>
<th>Time</th>
<th>Track 2 Desalination Case Studies</th>
<th>Track 3 Optimizing Groundwater Management for Current and Anticipated Future Climates</th>
</tr>
</thead>
</table>
| 1:30 PM| Monterey Peninsula Water Supply Project | Session Overview  
Derrik Williams, HydroMetrics Water Resources Inc  
Examination of Groundwater Inflow to Squaw Creek using Radon and Other Tracers |
| 2:00 PM| Demonstration Testing of a Slant Well for Ocean Desalination Feedwater Supply, Dana Point, CA  
Richard Bell, Municipal Water District of Orange County and Gerry Filteau, SPI | Estimating Stream Depletion by Combining Time-Series Thermal Data with Aquifer Test Results  
Stephen Hundt, HydroMetrics Water Resources Inc.  
An Examination of the vulnerability of groundwater to climate change in Olympic Valley  
Jean E. Moran, California State University East Bay |
| 2:30 PM| Bay Area Regional Reliability Partnership, Hasan Abdullah, East Bay Municipal Utility District |  |
| 3:00 PM|  |  |

**Afternoon Break**

<table>
<thead>
<tr>
<th>Time</th>
<th>Resiliency in Water Resource Planning</th>
<th>Track 2.2 Stormwater and Low-Impact Development</th>
<th>Track 3 Case Studies: Groundwater Management Challenges and Progress</th>
</tr>
</thead>
</table>
| 3:30 PM| TBD                                  | TBD                                           | Community Acceptance of Alternatives for Groundwater Management  
Jay Jasperse, Sonoma County Water |
| 4:00 PM| Long-Term Plan For Resiliency and Climate Change Adaptation  
George Adrian, City Of San Diego | TBD                                           | Recycled Water Exchange to Sustain Groundwater in Visalia  
Kim Loeb, City of Visalia and Paul Hendrix, Tulare Irrigation District |
| 4:30 PM| Dealing with Uncertainty in Water Resource Planning  
Grace Chan, Metropolitan Water District | TBD                                           | How groundwater management can save us from a zero allocation on the State Water Project  
Kirby Brill, Mojave Water Agency |
| 5:00 PM|  |  | Conference Reception |
**THURSDAY, JUNE 26**
Technical Tours & Workshop

<table>
<thead>
<tr>
<th>TIME</th>
<th>TECHNICAL TOUR: SAN CLEMENTE DAM</th>
<th>TECHNICAL TOUR: AQUIFER, DESAL, ETC.</th>
<th>TRACK 3: C IS FOR CONSERVATION; M IS FOR METERING</th>
</tr>
</thead>
</table>
| 8:00 AM   | MORNING TOUR                     | MORNING TOUR                          | Effective Financial Management in the Era of Declining Demand  
Christine Boyle, Valor Water Analytics |
| 1:00 PM   | AFTERNOON TOUR                   | AFTERNOON TOUR                         |                                                   |

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