

Operations Management Conference 2006

Operating Reservoirs in Changing Conditions

Join experts from across the country to discuss critical challenges and advances in operations management

Conference Highlights

Operations Management involves continual communication between project stakeholders and those responsible for water management. In the 21st century, communications technology and better models for citizen participation promise to increase the responsiveness of water management agencies to changing stakeholder objectives and better information about ecological and socioeconomic systems. Improved technologies for hydrologic forecasting and decision support, as well as greater confidence in these technologies, promise to enhance water management capabilities even further.

Opening Plenary
Invited Plenary Speakers will represent the Bureau of Reclamation, California Department of Water Resources, the Tennessee Valley Authority and the U.S. Army Corps of Engineers.

Technical Presentations
Dealing with Public Involvement and Associated Conflict - Techniques to be discussed include the use of a decision support system for managing conflict on the Upper San Pedro watershed in Arizona, and use of a GIS system in conflict resolution in a trans-boundary watercourse.

Interagency Coordination of Project Operations - Case study presentation topics include: the Alamo Dam on the Upper San Pedro River in Arizona; the Green River in Utah; the Truckee-Carson basins in Nevada; the American River watershed in California; and the Tehachapi East Afterbay on the California State Water Project.

Forecasting and Uncertainties - Specific topics include: a general simulation of multi-scale processes using a Eulerian-Lagrangian-Agent Method (ELAM); how forecasting can be used to improve reservoir supplies and the operations of the Rio Grande Diversion gate; predictions of steamflows on the Fraser River in Colorado to improve pumping decisions and associated yields; and rainfall driven predictions of natural flows into the Everglades Shark Slough.

O & M Tools - Topics to be addressed include: integration of GIS into water management; an Excel-based screening model for evaluation of alternative water management strategies for Lake Okeechobee in Florida; operations modeling of Bureau of Reclamation's operations; evaluation of the Corps of Engineers's Lower Monumental Dam alternative spill operations; and asset management and condition assessment on California's State Water Project.

USACE Hydrologic Engineer Center Demonstrations
The Corps of Engineers's Hydrologic Engineer Center has long been recognized as the premier developer of water resources project planning, development and operations programs and associated software. The Hydrologic Engineering Center supports the Corps of Engineers's field offices, headquarters, and laboratories by providing technical methods and associated utilities, training and workshops, accomplish research and development, and performing technical assistance and special projects. Staff from the Hydrologic Engineering Center will be present at the conference on Monday afternoon and evening to demonstrate the use of their products.

Technical Sessions Program at a Glance

68 abstracts covering **8** technical topics will be presented during the conference.

Topics to be presented are:

- Forecasting
- O & M Tools
- Hydro-politics
- FERC Re-licensing
- Uncertainties
- Reallocation of Project Capacity and Benefits
- Dealing with Conflict and Public Involvement
- Interagency Coordination of Project Operations

Monday, August 14

7:00 am - 5:30 pm Registration Open
8:00 am - 8:30 am Continental Breakfast in Exhibit Hall
8:30 am - 10:00 am Opening Plenary
10:00 am - 10:30 am Morning Coffee Break in Exhibit Hall
10:30 am - 12:00 pm General Session Period 1
12:00 pm - 1:00 pm Conference Luncheon
1:00 pm - 2:30 pm General Session Period 2
2:30 pm - 3:00 pm Afternoon Break
3:00 pm - 4:30 pm General Session Period 3
5:00 pm - 7:00 pm Welcome Reception and Technical Demonstrations in Exhibit Hall

Tuesday, August 15

7:00 am - 3:00 pm Registration Open
8:00 am - 8:30 am Continental Breakfast in Exhibit Hall
8:30 am - 10:00 am Concurrent Sessions Period 4
10:00 am - 10:30 am Morning Coffee Break in Exhibit Hall
10:30 am - 12:00 pm Concurrent Sessions Period 5
12:00 pm - 1:00 pm Lunch on Your Own
1:00 pm - 2:30 pm Concurrent Sessions Period 6
2:30 pm - 3:00 pm Afternoon Break in Exhibit Hall
3:00 pm - 4:30 pm Concurrent Sessions Period 7
5:00 pm - 7:00 pm Reception-Style Dinner in Exhibit Hall

Wednesday, August 16

8:00 am - 8:30 am Continental Breakfast in Exhibit Hall
8:30 am - 10:00 am General Session Period 8
10:00 am - 10:30 am Morning Coffee Break in Exhibit Hall
10:30 am - 12:00 pm General Session Period 9



Conference Registration Form

August 14-16, 2006 • Sacramento, California

Last Name _____
 First Name _____ MI _____
 Check all that apply: ___ P.E. ___ Ph.D.
 Company _____
 Title _____
 Mailing Address _____
 City _____
 State _____ Zip _____ Country _____
 Telephone _____
 E-mail address _____
 ASCE/EWRI Member # (if appropriate) _____
 Register online at www.asce.org/conferences/om06
 or
 Fax this completed form to 703-295-6371
 or
 Mail this completed form to
 EWRI/Op Mgt. Conference
 1801 Alexander Bell Dr.
 Reston, VA 20191

___ Special Services: Check here if you require special accommodations. An ASCE representative will contact you to discuss your requirements.

Please answer these questions so we may serve you better.

1. The organization I work for is a:
 ___ Private, Consulting or Design/Build Firm
 ___ Commercial or Industrial Firm
 ___ Government Agency
 ___ Education Institution
 ___ Military Institution
 ___ Other

2. My role or position is:
 ___ Owner or CEO ___ Middle Management
 ___ Technical Staff ___ Faculty ___ Student
 ___ Retired

3. How many ASCE/EWRI conferences have you attended?
 ___0 ___1 ___2 ___3 or more

4. My age group is:
 ___ Under 25 ___ 25-34 ___ 35-49
 ___ 50-65 ___ Over 65

5. Emergency Contact:
 If you are not staying at the host hotel, please provide a phone number where you can be reached during the conference in case of an emergency.

Included in your Registration Fee							
	Technical Sessions	Exposition	Daily Breakfast	Mon. Luncheon	Mon. Icebreaker Reception	Tues. Reception-style Dinner	Proceedings
Full Registration Men/Non M, Spkr/Mdr	●	●	●	●	●	●	●
Daily Registrants (MONDAY)	●	●	●	●	●		
Daily Registrants (TUESDAY)	●	●	●			●	
Student Registration*	●	●	●	●	●	●	

Registration Fees	By June 30	After June 30	AMOUNT
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Full Conference Registration
 (Includes breakfast every day, Monday luncheon, Monday Icebreaker Reception, Tuesday Reception-style Dinner, all conference sessions and Exposition, and one copy of the Conference Proceedings.)

<input type="checkbox"/> Member EWRI/ASCE	\$395	\$445	_____
<input type="checkbox"/> Speaker/Moderator (member/nonmember)	\$395	\$445	_____
<input type="checkbox"/> Nonmember	\$495	\$545	_____

Daily Registration
 (See chart below for sessions and events included in each daily registration)

<input type="checkbox"/> Mon <input type="checkbox"/> Tues			
<input type="checkbox"/> Member EWRI/ASCE	\$195	\$245	_____
<input type="checkbox"/> Speaker/Moderator (member/nonmember)	\$195	\$245	_____
<input type="checkbox"/> Nonmember	\$295	\$345	_____

Full-Time Student*
 (Includes breakfast every day, Monday luncheon, Monday Icebreaker Reception, Tuesday Reception-style Dinner, all conference sessions and Exposition.)

	\$150	\$150	_____
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Additional Tickets	No. Tickets	Price
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Monday Conference Luncheon	_____	\$35	_____
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Monday Icebreaker Reception	_____	\$35	_____
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Tuesday Reception-style Dinner

Adult	_____	\$45	_____
Children (16 and under)	_____	\$20	_____

Conference Proceedings	_____	\$65	_____
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Payment
 Please complete if paying by credit card (check one):
 ___ AMEX ___ VISA ___ MC ___ Diners ___ Discover

Card # _____

Exp. Date _____

Government PO#: _____

Signature: _____

**For questions regarding registration and this conference, please contact EWRI at 703-295-6078. Please note, registrations will not be processed over the phone. Make checks payable to: EWRI/2006 Operations Management. Checks must be issued in U.S. Dollars, drawn on U.S. Banks. Registration must be accompanied by payment or copy of purchase order. For pre-registration discount, postmark form before June 30, 2006. Cancellations must be made in writing and submitted BEFORE June 30, 2006 and will be subject to a \$50 processing fee, which will be deducted from the registration fee. The cancellation date is July 31 and the cancellation fee at that time is \$100. NO REFUNDS WILL BE GIVEN AFTER JULY 31.

For more information, visit the conference website at www.asce.org/om06

Become an Exhibitor/Sponsor

Conference Venue

Join EWRI in Sunny California!

Register by July 10th and Save \$50

Become an Exhibitor!

Sacramento, California

Get your organization's name before the most qualified decision makers in the industry. A trade exhibition will run throughout the conference with all breakfasts and breaks held in the exhibit hall in addition to an ice-breaker reception and reception-style dinner to maximize exposure. To inquire about booth space, contact Stacey Gardiner at: stacey.gardiner@tgggroup.com.

Exhibit Hours: Monday, August 14 Tuesday, August 15 Wednesday, August 16 Evening During Conference Hours

Do Not Miss This Opportunity to:

- Gain unique access to a niche market
Heighten your profile in the Operations Management community
Advance your marketing efforts with free post-show attendee list
Interact with Engineering Professionals in the field

This 2.5 day Conference offers you a minimum of 7.5 contact hours with:

- Consultants
Engineers
Contractors
Researchers
Educators
Suppliers
Planners

Exhibit Fee: \$500 per 8' x 8' exhibit space. Rental fee includes: (1) skirted 6' long by 2' deep by 2 1/2' high table. You are entitled to two (2) complimentary exhibitor personnel badges. Additional booth personnel badges are available at a fee of \$100 each.



Perfectly situated in a valley of scenic rivers and trees, Sacramento is a snapshot of Wild West history in a modern city. When gold was discovered just thirty miles east of Sacramento in 1848, fortune hunters came from all over to strike it rich in Sacramento! History comes to life through interactive experiences on steam engine train rides, tours of the State Capitol Building, and historic museum tours.

Located in Northern California, Sacramento is less than a 2-hour drive from San Francisco, Napa Valley, and Lake Tahoe. Sacramento International Airport is served by more than a dozen airlines and 150+ daily flights, and the airport is located less than 15 minutes from downtown.

The conference will be held at the Holiday Inn Capitol Plaza, located at 300 J Street in Sacramento, California. Attractions you won't want to miss located within 4 blocks of the hotel include: Historic Old Sacramento, The State Capitol, Crocker Art Museum, Sacramento Convention Center, West Field Mall, and Raley Field (Home of the Sacramento River Cats). The hotel's 359 guestrooms and 16 story hotel offer you the perfect view of the Sacramento River. The Holiday Inn Capital Plaza hotel is offering Operations Management Conference attendees a discounted rate of \$94.00 single occupancy and \$104.00 double occupancy (plus 12% tax and \$1.50 city assessment fee per night). Please contact the hotel directly, 916-446-0100, when making your reservation and mention the ASCE Environmental & Water Resources Institute Operations Management Conference to receive this rate. Hotel reservations must be made PRIOR to July 24, 2006 to receive the discounted rate. After this date, the hotel has the right to increase the rate.

ORGANIZING COMMITTEE



The Operations Management Committee serves as EWRI's host committee for this conference. This committee has sponsored conferences and workshops like this for over twenty years. This is the 7th conference/workshop in this series.

- Darell Zimbelman, Northern Colorado Water Conservancy District, Conference Co-Chair
Werner Loehlein, USACE, Conference Co-Chair
Tom Glover, California Department of Water Resources
Janet Herrin, Tennessee Valley Authority
Steven Jarsky, Bureau of Reclamation
Paul Kirshen, Tufts University
George McMahon, Arcadis G & M, Inc.
Jerry Webb, USACE
David Watkins, Michigan Technological University



CO-SPONSORS



Operating Reservoirs in Changing Conditions

August 14-16, 2006
Holiday Inn - Capitol Plaza
Sacramento, California

Join operations and management professionals in this common forum to exchange ideas and share discussions on current issues and everyday challenges facing the industry!



For complete conference information, visit: www.asce.org/conferences/om06

