



WATER EDUCATION  
FOUNDATION

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A N N U A L  
R E P O R T





## WATER EDUCATION FOUNDATION

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## Water Education Foundation Staff

Brian Brown, *Project WET Coordinator*

Robin Douglas, *Communications Specialist*

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Sue McClurg, *Program Director*

Jean Nordmann, *Contributions Director*

Gary Pitzer, *Writer*

Rebecca Scott, *Events/Tour Director*

Beth Stern, *Development Director*

Patty Wong, *Data Entry Clerk*

**The Colorado River, watershed health and stormwater capture, the Delta, the Klamath River, climate change and flood management were among the issues featured in the Foundation's publications, conferences, tours and other programs in 2011.**

Founded in 1977, the Foundation's mission is to create a better understanding of water resources and foster public understanding and resolution of water resource issues through facilitation, education and outreach. The Foundation reaches a broad audience including policy-makers and leading agricultural, environmental and urban stakeholders; journalists; and school children – and their families – in grades K-14.

Leading the effort to provide impartial education is a 30-member volunteer Board of Directors.

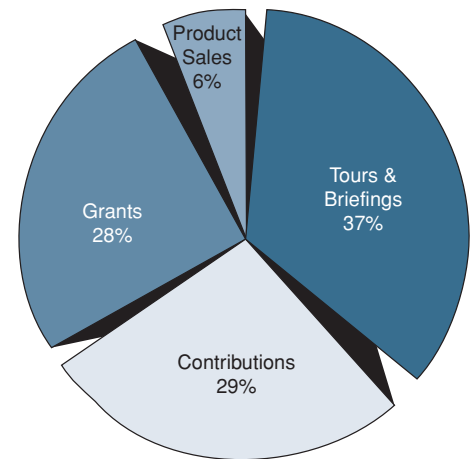
Members come from the business, agricultural, municipal, environmental, education and public interest communities.

The work of the Foundation's 11-member staff is supported by federal, state and private grants; contributions from consultants, water districts, attorneys, farmers, environmentalists and others interested in the dissemination of unbiased, thorough and easy-to-understand information about water; attendance at Foundation-sponsored events; and the sale of our materials. The budget for 2011 was \$2 million.

During 2011, the Foundation's six issues of *Western Water* examined topics ranging from drinking water quality to Delta science to groundwater management. Colorado River issues related to the Multi-Species Conservation Plan and climate change adaptation were featured in *River Report*. Foundation staff conducted nine water tours, held the 28th annual Executive Briefing and made numerous presentations.

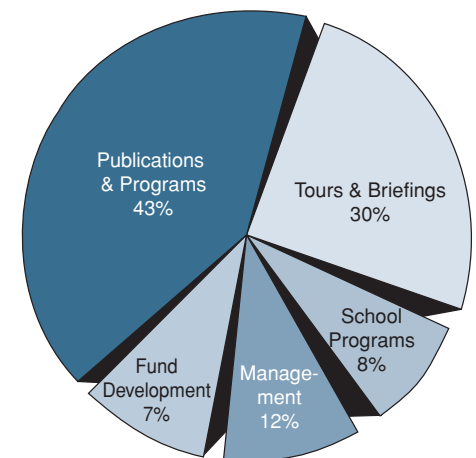
In addition to regular programs, many special projects were undertaken in 2011 in which the Foundation:

- Cosponsored a major conference focused on California's **Integrated Resources Water Management** Program
- Published a new publication about the importance of **Sierra Nevada watersheds** in the California water story
- Graduated 20 young professionals from the 15th **William Gianelli Water Leaders Class**
- Organized a special one-day conference with the Sacramento-San Joaquin Delta Conservancy that offered **new perspectives on Delta issues**
- Served as the California coordinator for the national **Project WET** (Water Education for Teachers) program, conducting 60 workshops
- Completed a 30-minute, documentary-style DVD about **flood issues in the Central Valley**, which aired on the Sacramento PBS station
- Held our eighth biennial, invitation-only **Colorado River Symposium**
- Conducted a special **Arizona Water Tour**
- Coordinated the third annual **Santa Ana River Watershed conference** "Working Together for a Sustainable Future"
- Created a new **iPhone app** for our California water news blog website Aquaformia.com
- Cosponsored a remote sensing workshop centered on potential use for **U.S.-Mexico Border Water Management** with the California Department of Water Resources and NASA-JPL
- Published a new **Klamath River Watershed poster map**



**SOURCES OF REVENUE**

Jan. 1, 2011 - Dec. 31, 2011



**EXPENDITURES**

Jan. 1, 2011 - Dec. 31, 2011

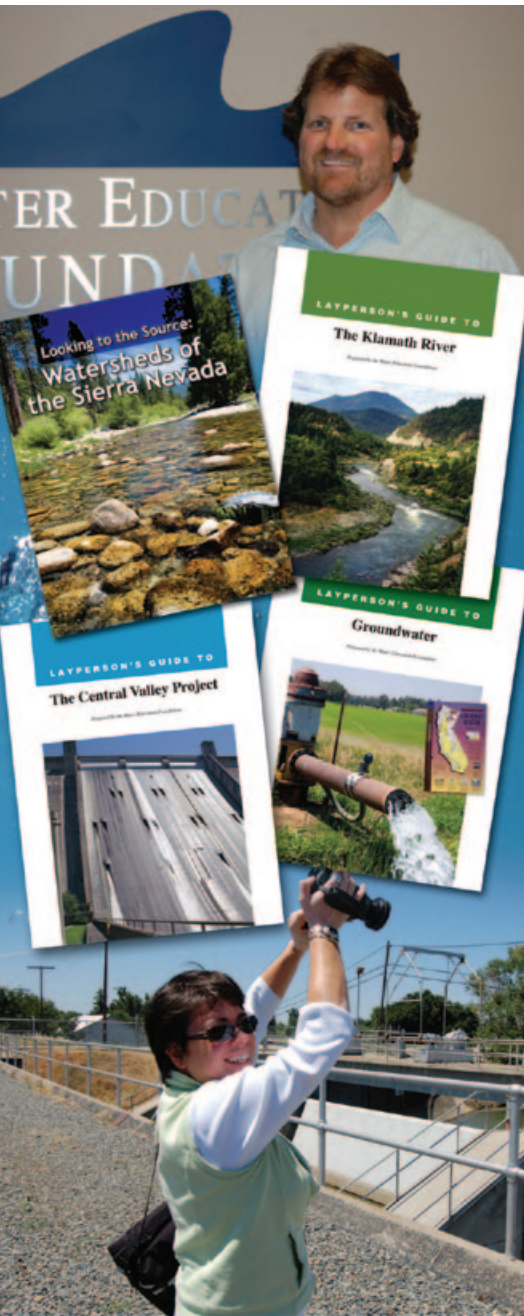
Text: Foundation Staff

Photos: California Department of Water Resources and Foundation staff

Design: Graphic Communications



# Publications



Top to bottom: Gary Pitzer marked his 10th anniversary at the Foundation in 2011; the Foundation released the new Layperson's Guide to the Klamath River in 2011 and updated two other titles in the Layperson's Guide series: Central Valley Project and Groundwater; a new Sierra Watersheds report was published; Susan Lauer taking photos while on the Bay-Delta Tour.

## Western Water Magazine

In the first issue, "Pervasive and Persistent: Constituents of Growing Concern," Writer Gary Pitzer looked at constituents of emerging concerns (CECs) – what is known, what is yet to be determined and the potential regulatory impacts on drinking water quality.

For the March/April issue, Gary wrote about the scenario known as the ARkStorm (ARkStorm stands for an atmospheric river ("AR") that carries precipitation levels expected to occur once every 1,000 years ("k") and the extent to which state and local agencies are making improvements to California's flood infrastructure.

The May/June issue looked at groundwater management and the extent to which stakeholders believe more efforts are needed to preserve and restore the resource's quantity and quality.

"Making the Connection: Sound Science and Good Delta Policy" was the title of Gary's July/August article, which looked at Delta science – the answers it can provide to help guide management decisions in the Delta and the inherent uncertainty it holds that can make moving forward such a tenuous task.

Low impact development and stormwater capture – two areas of emerging interest viewed as important components of future water supply and management – were the focus of the September/October *Western Water*, written by Gary.

Closing out the year, Program Director Sue McClurg recapped the panel discussions at the Foundation's Colorado River Symposium for the November/December issue, "Solving the Colorado River Basin's Math Problem: Adapting to Change."

## Layperson's Guides

In 2011 the Foundation published the new *Layperson's Guide to the Klamath River*. It provides background information about water issues in the Klamath River Basin and explains the two agreements reached in early 2010 related to the potential removal of four hydroelectric dams on the river, and dividing water in the Upper Klamath Basin among farmers, wildlife refuges and environmental uses.

A revised *Layperson's Guide to the Central Valley Project* was published in 2011 and includes updates to key elements of the Central Valley Project Improvement Act, an expanded Delta section with a new subsection about the San Joaquin River Restoration Program, and information about potential impacts of climate change.

The Foundation also released an updated *Layperson's Guide to Groundwater*. The 24-page guide was revised to include discussion on the latest groundwater management strategies, groundwater legislation, groundwater banking and groundwater overdraft and replenishment.

## Other Publications

A new publication about the importance of the Sierra Nevada to California's water picture rolled off the press in 2011. *Looking to the Source: Watersheds of the Sierra Nevada* describes general watersheds function, explains the journey of Sierra water, and provides information about water quality issues. Written by Foundation Writer/Special Projects Coordinator Susan Lauer, development of the 28-page publication was partially funded by the Sierra Nevada Conservancy. Also included is a section that explains the economic benefits of watersheds, specifically as they relate to ecosystem services. A condensed, 12-page booklet, *Sierra Nevada Water Facts*, also was produced.

The focus of a new e-publication published in 2011 is the San Joaquin River Restoration Program. Written by Gary Pitzer, the briefing paper provides background information about the program, its salmon restoration goals, and the Bureau of Reclamation's efforts to minimize impacts on farmers and landowners. The paper is posted on Reclamation's website, <http://www.restoresjr.net>, as well as [www.watereducation.org](http://www.watereducation.org) and [www.aquafornia.com](http://www.aquafornia.com).



# Television Productions

## **Overcoming the Deluge: California's Plan for Managing Floods**

The Central Valley has experienced some of California's most devastating floods. The area stretching from Redding to Bakersfield faces a continued threat of potential flooding – the focus of a 30-minute public television documentary, *Overcoming the Deluge: California's Plan for Managing Floods* produced in 2011. The Foundation served as the advisor to the program produced by independent television producer Stephanie Locher.

The 30-minute documentary aired on Sacramento's public television station, KVIE, in November and was viewed by thousands of people. The show features stories from local residents who have experienced the devastating effects of a California flood firsthand and interviews with long-time Central Valley water experts from the California Department of Water Resources (FloodSAFE), U.S. Army Corps of Engineers, Bureau of Reclamation, Central Valley Flood Management Program and environmental groups.

Funding was provided by bond funds from the Central Valley Flood Management Plan. The Foundation also produced a 12-minute condensed version for use at public meetings.

## **Klamath River Documentary**

Work continued in 2011 on a new hour-long Klamath River documentary, *The Klamath Basin: A Restoration for the Ages*. Presented by NETA, the National Educational Television Association, it will air on the public television station satellite in 2012. Under the direction of the Foundation, producer Stephanie Locher has interviewed dozens of people in the Klamath River watershed about the past conflicts of the many water users of this river and the two separate, but linked, agreements to restore the river: the Klamath Hydropower Settlement Agreement and the Klamath Basin Restoration Agreement.

The crew spent several days in the basin in late 2011 filming "stand ups" with the documentary's host and narrator, Actress Frances Fisher. The documentary is one of three projects in the Foundation-developed Klamath River Educational Project funded by grants from the U.S. Fish and Wildlife Service.

## **San Joaquin River Program Airs on Public TV**

The Foundation's 2010 video production, *Restoring a River: Voices of the San Joaquin*, about the San Joaquin River Restoration Program received some air time in 2011 on ValleyPBS, the Fresno-area public television station. The 30-minute documentary focuses on the history and status of the San Joaquin River Restoration Program. It includes an overview of the restoration program, information about the river's history and uses, and features interviews with farmers, environmentalists and government officials as they work to implement a long list of projects to remove physical barriers in the river and restore its channel, habitat and, ultimately, the salmon run.

The program aired on the valley public television station in May. The initial development of the DVD documentary was funded by the Bureau of Reclamation.

## **Pat Brown Documentary**

In 2011 the Pat Brown documentary, for which the Foundation serves as the fiscal sponsor, was completed and premiered at various film festivals, including Newport Beach, Napa, and San Francisco International. *California State of Mind: The Legacy of Pat Brown* was produced by Hilary Armstrong and Sascha Rice, the granddaughters of Pat Brown. The documentary is scheduled to premiere in Sacramento in April 2012. It explores Brown's groundbreaking efforts as California governor to expand the state's highways, improve its public university system and construct the State Water Project.

As the fiscal sponsor, the Foundation collected and processed donations for the documentary film project.



Top to bottom: Work on the Klamath River documentary continued in 2011, L to R Actress Frances Fisher, the program's host/narrator, and Producer Stephanie Locher; a new 30-minute program on flood management produced by the Foundation aired on Sacramento's PBS station KVIE in 2011; Foundation Executive Director Rita Schmidt Sudman, front, assisted KVIE Channel 6 producer Kelly Peterson on a special Delta show; the Klamath River documentary crew on location.

WATER EDUCATION FOUNDATION  
2011 ANNUAL REPORT



# School Programs



Top to bottom: A workshop in Chula Vista included a lesson on thirsty plants; Brian Brown, R, shown here with Michelle Robinson, DWR Education Outreach Coordinator, continued his role as California Project WET coordinator; at a Project WET workshop participants practice the lesson "Thunderstorm"; Project WET Workshop participants learn the lesson "Virtual Waters."

In 2011 California Project WET Coordinator Brian Brown conducted teacher workshops, attended conferences and assisted water districts with teacher professional development workshops through school education outreach programs.

## Project WET

California Project WET (Water Education for Teachers) had a very successful year thanks in part to the efforts of workshop facilitators around the state. The Water Education Foundation is the host institution for Project WET in California under a long-standing agreement with the Project WET Foundation. The Water Education Foundation is aided with Project WET grants from the Bureau of Reclamation, Mid-Pacific Region, and U.S. Geological Survey's California Water Science Center. The California Department of Water Resources (DWR) purchases WET books for university teacher education courses and to assist small water districts, school districts or other programs organize Project WET trainings.

Project WET helps students understand the importance of conserving and protecting water resources. Brian, the state coordinator, conducts workshops throughout California to train teachers as well as volunteer workshop facilitators. He also creates the quarterly *California Project WET Gazette* newsletter emailed to more than 5,900 educators. It's also available on the Foundation's website.

In 2011, California Project WET conducted 60 workshops for 1,186 educators who teach water lessons to more than 205,269 students. *Project WET Guide 2.0* was released in September, replacing the guide that had been in use since 1995. In the last three months of 2011, Brian trained 100 new and current program facilitators how to use the new activities and the online features incorporated in the new guide. He worked closely with California Regional Environmental Education Community (CREEC) Coordinators to organize these special workshop facilitator trainings to help build greater regional collaboration among WET workshop leaders and the local California Department of Education CREEC Coordinators, who can often help provide Project WET with greater access to local schools.

Brian partnered with CAL FIRE and California Project Learning Tree to offer a two-day combined facilitator training in the Santa Monica Mountains in October and worked with the Owens Valley Indian Water Commission to provide a special three-day facilitator's training in November for tribal and non-tribal educators. Other major activities included expanding work with after school programs, pioneering the use of WET as a hands-on supplement to help teachers use California's new textbook oriented Education and the Environment Initiative curriculum, and providing guidance and training to new WET Coordinators throughout the United States.

## Science Workshops

Brian helped coordinated three content-specific WET trainings with the USGS California Water Science Center in 2011. These trainings included Project WET workshops focused on groundwater in the Mojave (May 2011) and research projects related to the Suisun Marsh ecosystem (October 2011). The third presentation focused on the use of WET activities to incorporate current research into school programs through a California Environmental Education Foundation (CREF) program targeting best practices in education. The third event in partnership with CREF highlighted use of best practices in education, including integration of current research into Project WET and other existing, high quality environmental education materials content standards.

## Related Activities

Brian continues to serve DWR's Water Education Committee, the Ag in the Classroom Resource Committee, Forestry Institute for Teachers Steering Committee, and Project Learning Tree & Project WILD Advisory Committees. He also serves on the Project WET USA Publications and Instruction & Training Committees and has been elected to represent the Southwest region on the Project WET USA Council.



# Briefings/Conferences

## Executive Briefing

More than 230 people attended the 2011 Executive Briefing, “Navigating Uncertain Waters.” It was held March 24-25 at the Doubletree Hotel in Sacramento and featured presentations by Natural Resources Secretary John Laird, Assemblyman Jared Huffman and Phil Isenberg, chair of the Delta Stewardship Council.

Panels included “The Delta: View from the Front” with Mike Machado, Delta Protection Commission; Roger Patterson, MWD of Southern California; Dan Castleberry, U.S. Fish and Wildlife Service; and Craig M. Wilson, California State Water Resources Control Board – moderated by Lester Snow, former DWR director.

Other panels included the topics of communicating science to the public, next steps in groundwater management, drinking water quality, Colorado River issues and creative solutions for water rights transfers.

During lunch, participants got a sneak peek at the film *California State of Mind: The Legacy of Pat Brown* courtesy of Hilary Armstrong, President of Fire of Life Films and Pat Brown’s granddaughter.

## Santa Ana River Watershed Conference

The Santa Ana River Watershed 2011 conference, “Working Together for a Sustainable Future,” was held April 27 at the Riverside Convention Center. Convened by the Santa Ana Watershed Project Authority and presented by RBF Consulting, a Company of Michael Baker Corporation, the conference focused on the importance of the Santa Ana River Watershed and plans to improve the quality and reliability of the water supply. The Foundation coordinated the event.

Major sponsors were Brownstein Hyatt Farber Schreck, Inland Empire Water Agency, San Bernardino Valley Municipal Water District, Santa Ana River Watershed Project Authority, Western Municipal Water District, MWH, Orange County Water District and Eastern Municipal Water District.

## Integrated Regional Water Management Conference

More than 300 water industry leaders and stakeholders attended the Integrated Regional Water Management (IRWM) conference, “Working Together for California’s Water Future,” held May 24-25 at the Radisson Hotel in Sacramento. The conference was sponsored by the California Department of Water Resources and the Foundation. Cooperating organizations were the Association of California Water Agencies, California State Association of Counties and Groundwater Resources Association of California. A reception was sponsored by GEI Consultants.

Attendees discussed how to secure a reliable, sustainable supply of high-quality water for all – agriculture, residents, industry and the environment – through the IRWM strategy.

## Delta Forum

The Oct. 18 “Changing Our Perspective: New Ways of Thinking about the Delta” forum was held at the Haggin Oaks Golf Complex in Sacramento. The one-day forum was sponsored by the Sacramento-San Joaquin Delta Conservancy and the Foundation, with financial assistance from the Resources Legacy Fund and the State and Federal Contractors Water Agency.

Jim Mayer, executive director of California Forward, gave the keynote speech. The first panel featured Jeff Conklin, director of CogNexus Institute and author of several articles about understanding wicked problems, and Ian Mitroff, author of *Dirty Rotten Strategies: How We Trick Ourselves and Others into Solving the Wrong Problems Precisely*. Their goal: to help participants find a different approach to resolving Delta issues and listening to each other’s perspectives.



Top to bottom: At the Santa Ana River Watershed conference, panelists, L to R, Richard Katz, Celeste Cantú, Peter Silva and Art Baggett, discussed the watershed’s future; Ian Mitroff, Author of *Dirty Rotten Strategies*, and Jeff Conklin, Author of *Dialogue Mapping*, offered ways to solve the Delta’s “wicked problems” at the Delta perspectives conference, which ended with a special reception featuring Delta wines; Charles Kratzer, California DWR, and Foundation Executive Director Rita Schmidt Sudman at the IRWM conference.

WATER EDUCATION FOUNDATION  
2011 ANNUAL REPORT



# Tours



Top to bottom: Participants on the Arizona Water Tour visited the Yuma Wetlands; one stop on the Northern California Tour was Red Bluff Diversion Dam; Ashlee Rudolph, Project Manager/Hydrologist, of the Bureau of Reclamation's Multi Species Conservation Program at Beal Lake on the Lower Colorado River Tour; participants on the Bay-Delta Tour visited the Oakley Big Break Regional Shoreline, which includes a 50-foot replica of the Delta; Events/Tour Director Rebecca Scott at the Suisun Marsh.

In 2011 the Foundation conducted six regular tours under the direction of Events/Tour Director Rebecca Scott. Three special tours also were conducted.

The **Lower Colorado River Tour**, March 16-18, traveled from Hoover Dam to the Salton Sea and the Coachella Valley, and included a private tour of Hoover Dam.

The **Central Valley Water Tour**, April 13-15, traveled the length of the San Joaquin Valley – starting and ending in Bakersfield.

The **Flood Management Tour**, May 4-5, focused on the Sacramento Valley. Stops included Folsom Dam, Plumas Lake and the Yolo Bypass Wildlife Area.

The **Bay Delta Tour**, June 15-17, traveled through the Delta to San Francisco and participants learned about Delta conveyance, Delta farming and the fishery collapse.

The **Northern California Tour**, October 12-14, helped participants learn about farming, fishery restoration, and the major water projects.

The **San Joaquin River Restoration Tour**, November 2-3, took participants to Friant Dam, Chowchilla Bifurcation and Mendota Pool.

## Tour Sponsors

### Major sponsors

Bureau of Reclamation's Lower Colorado Region  
and Mid-Pacific Region  
California Department of Water Resources  
George Miller and Janet McKinley

### Trailblazer sponsors

CH2M HILL  
MWH

### Traveler sponsors

Atkins  
Brown and Caldwell  
Cardno ENTRIX  
GEI Consultants  
HDR

### Cosponsors of one or more tours

AECOM; Bowles Farming Company, Inc., in honor of Mr. John H. "Jack" Threlkeld; Central Arizona Project; Coachella Valley Water District; Downey Brand Attorneys LLP; Escondido, City of; ENGEO; Environmental Science Associates (ESA); Helix Water District; ICF International; Imperial Irrigation District; Kern County Water Agency; Kim Floyd Communications; MBK Engineers; Montgomery & Associates; Oceanside, City of; Olivenhain Municipal Water District; Otay Water District; Padre Dam Municipal Water District; Parsons Brinckerhoff; Poway, City of; Rainbow Municipal Water District; Ramona Municipal Water District; RD 108; RD 1000; RD 1500; Rincon del Diablo Municipal Water District; Rosemont Copper; Salt River Project; Sacramento Valley Landowners Association; SAFCA; San Diego,

City of; San Dieguito Water District; San Diego County Water Authority; Santa Fe Irrigation District; Sutter Butte Flood Control Agency; Sweetwater Authority; Southern Nevada Water Authority; Vallecitos Water District; Valley Center Municipal Water District; Vista Irrigation District

### Organizations that hosted or co-hosted meals, provided refreshments or offered other support

Archaeological Consulting Services, Ltd. (ACS); Arizona Hydrological Society; California Farm Bureau Federation; Clarksburg Community Church; Clarksburg fruit growers; Contra Costa Water District; East Valley Water District; Friant Water Authority; Glenn-Colusa Irrigation District; Inter Tribal Council of Arizona and Gila River Indian Community Wild Horse Pass; Kaweah Delta Water Conservation District; Kern Water Bank Authority; Kip Sturgeon, Director, East Valley Water District; Metropolitan Water District of Southern California; Northern California Water Association; Panoche Water District; San Joaquin River Exchange Contractors Water Authority; San Luis Canal Company; San Luis & Delta-Mendota Water Authority; Semitropic Water Storage District; SAWS – Stockton Area Water Suppliers (City of Stockton, Stockton East Water District, County of San Joaquin, California Water Service); Tehama-Colusa Canal Authority; Wellton-Mohawk Irrigation and Drainage District; West Coast Grape Farming; Western Canal Water District; Westlands Water District; Yuba County Water Agency; Yuma Area Water Users' Association and Yuma, City of.

## Other Tours

Judy Maben returned from retirement to coordinate the **Arizona Water Tour**, cosponsored by the Bureau of Reclamation, Lower Colorado Region. In May, Rebecca led 45 people on a **Delta Recreation Tour**, which was coordinated with California State Parks. In September, Rebecca conducted a **San Diego Tour** that included stops at San Vicente Dam and the North City Water Reclamation Plant.



## Water Leaders

Twenty young professionals graduated from the Foundation's 15th Annual William R. Gianelli Water Leaders Class. The 2011 class studied issues related to the Delta and regional water reliance.

The graduates: Newsha Ajami, *California Council on Science & Technology*; Jennifer Allen, *Contra Costa Water District*; Jolie-Anne Ansley, *Duane Morris LLP*; Rachel Ballanti, *California Department of Water Resources*; Catherine Bowie, *California American Water*; Jill Chomycia, *MWH Global*; Lindsey Fransen, *California Public Utilities Commission*; Eric Grubb, *Cucamonga Valley Water District*; Jonnalee Henderson, *Henderson Farms, Inc.*; David Katzev, *East Bay Municipal Utility District*; Alexa La Plante, *ICF International*; Andria Loutsch, *CDM*; Elizabeth Mesbah, *HDR Engineering, Inc.*; James Mizell, *Taylor & Wiley*; Katie Morris, *City of Corona*; Kristy Morris, *Los Angeles & San Gabriel Rivers Watershed Council*; Subir Saha, *California Department of Water Resources*; Minnie Santillan, *Office of Assemblymember Henry T. Perea*; Magill Weber, *The Nature Conservancy*; and Kelly White, *Environmental Science Associates*.

An annual silent auction held at the Foundation's Executive Briefing generated \$13,000 for the class.

## Aquaforia iPhone App

In June the Foundation launched a new iPhone app – free to the public – for Aquaforia.com, the Foundation's online one-stop news site that covers California water news from both traditional and non-traditional sources. The Aquaforia app puts this water news right at readers' fingertips in a scrollable format, providing direct access to news articles. Aquaforia's background articles "Info Desk" also is accessible through the app. The app was created by Ray Kraus with LucoTrav Software.

## Klamath River Map

A new poster map of the Klamath River Watershed was published in 2011. The poster includes a map of the 15,000-square-mile watershed that straddles the Oregon-California border. Text and photos describe the dams and reservoirs, the water's use for farming and hydroelectric power production and the many issues facing this vast watershed. Information about the separate, but linked, Klamath Basin Restoration Agreement and the Klamath Hydroelectric Agreement also is included. The 24-by-36-inch poster map is a component of the Klamath River Educational Project funded by a grant from the U.S. Fish and Wildlife Service.

## Brown Bags

The Foundation sponsored two "brown bag" lunch seminars at California's Capitol in 2011 for legislative aides. The importance of Sierra Nevada water to California was the focus of the April seminar. Speakers at the seminar were Ted M. Frink, who works for the FloodSAFE program at the California Department of Water Resources, and Jim Branham, executive officer of the Sierra Nevada Conservancy. In July CAL FIRE director Ken Pimlott gave an overview of the department's role in fire protection and management of forests and watersheds. Partial funding for the brown bag lunches was provided by the Sierra Nevada Conservancy.

## Watersheds Online Slideshow

Foundation staff began work in 2011 on a new online slideshow that will provide an overview of California watersheds and highlight the benefits and challenges of watershed management. The slideshow will include definitions of watershed-related terms, detail potential benefits and estimated costs, watershed approach/management policy and practices, and challenges to watershed management. The project is being funded by a grant from the Department of Conservation and will be completed in spring 2012.



Top to bottom: L to R, Jim Branham, Sierra Nevada Conservancy, Foundation Executive Director Rita Schmidt Sudman, and CAL FIRE Director Ken Pimlott at one of two legislative Brown Bags held in 2011; in 2011 the Foundation launched a new, free iPhone app for its Aquaforia.com website; the Foundation published a new poster map of the Klamath River Watershed in 2011; 20 water leaders, shown here on the Bay-Delta Tour, graduated in 2011.



# Colorado River Project



Top to bottom: Speakers at the Colorado River Symposium included, L to R, Reclamation Commissioner Mike Connor, Office of the Solicitor Attorney Bob Snow and former Commissioner Bob Johnson; headline speakers at the Symposium were Carl Christensen, L, as President Herbert Hoover and Los Angeles Times Reporter Michael Hiltzik; NASA/JPL Research Scientist Thomas Painter, L, and Assistant Interior Secretary Anne Castle at the Symposium.

WATER EDUCATION FOUNDATION  
2011 ANNUAL REPORT

In 2011, the Foundation's Colorado River Project marked its 14th year. Serving on the Advisory Committee in 2011 were: Michael Cohen, *Pacific Institute*; Gordon "Jeff" Fassett, *HDR Engineering, Inc.*; Chris Harris, *Colorado River Board of California*; Bob Johnson, *Water Consult*; Jeff Kightlinger, *Metropolitan Water District of Southern California*; David Lindgren, *Downey Brand*; James Lochhead, *Denver Water*; Estevan Lopez, *New Mexico Interstate Stream Commission*; Patricia Mulroy, *Southern Nevada Water Authority*; Don Ostler, *Upper Colorado River Commission*; Jennifer Pitt, *Environmental Defense Fund*; Stanley M. Pollack, *Navajo Nation Department of Justice*; Maureen Stapleton, *San Diego County Water Authority*; and Gary Weatherford, *California Public Utilities Commission*.

## River Report

The 12-page *River Report* Colorado River newsletter is published twice a year. In the summer issue, Writer Gary Pitzer looked at how the Multi-Species Conservation Program (MSCP) is striving to improve wildlife habitat along the Lower Colorado River. In the winter issue, he used the recorded panel discussion about climate change at the 2011 Colorado River Symposium for his article, "Bigger, Faster and Stronger: Climate Change and the Colorado River Basin."

## Colorado River Symposium

In September, the Foundation held its eighth biennial Colorado River Symposium, "Solving the Basin's Math Problem: Adapting to Change," at The Bishop's Lodge in Santa Fe. The invitation-only event featured a lineup of top speakers including Assistant Interior Secretary Anne Castle and Reclamation Commissioner Mike Connor.

Day One featured a presentation about the drivers of change by Michael Hiltzik, author of the book *Colossus: Hoover Dam and the Making of the American Century*. Day Two featured panel discussions on increased water infrastructure costs, water sharing agreements, remote sensing and the ongoing U.S.-Mexico negotiations over sharing the river. Closing out the Symposium on Day Three was a panel with representatives from the seven Colorado River states talking about the "worst case" scenario and how to avoid it.

## Remote Sensing Workshop

Applications of "eye in the sky" and other remote sensing devices in monitoring and managing water resources was the focus of "Remote Sensing Applications for U.S.-Mexico Border Water Management." The workshop was sponsored by the California Department of Water Resources, NASA/JPL and the Foundation and discussed the potential uses of existing remote sensing applications and technologies in the Western U.S., specifically California and the U.S.-Mexico border region.

## Colorado River Project Sponsors

### Leaders (\$10,000)

California Department of Water Resources  
CH2M Hill  
HDR Engineering, Inc.  
Metropolitan Water District of Southern  
California  
MWH

### Patrons (\$5,000 - \$9,999)

Bureau of Reclamation  
CDM Smith  
NASA/JPL  
Southern Nevada Water Authority

### Friends (\$1,000 - \$4,999)

Allen Matkins Leck Gamble Mallory & Natsis  
Cardno ENTRIX  
Central Arizona Project  
Central Utah Water Conservancy District  
Coachella Valley Water District  
Holland & Hart LLP  
Imperial Irrigation District  
Jacobs  
Krieger & Stewart, Incorporated  
Redwine and Sherrill  
Salt River Project  
Somach, Simmons & Dunn  
Trout, Raley, Montaño, Witwer & Freeman  
URS Corporation



A variety of grants from governmental agencies, private foundations and other organizations funded the Foundation's special programs, publications and projects in 2011. The Foundation's general activities, in turn, were supported by another primary source of income – contributions.

This diversity of funding helps the Foundation fulfill its mission of providing balance in all written materials, school programs, tours, briefings, videos and documentaries. Reviewers and advisory groups help ensure technical accuracy but the Foundation retains editorial control over all programs and publications – no matter what the funding source.

In 2011, grant funds provided 28 percent of the Foundation's revenues, funding Project WET, special workshops and conferences, television productions, and new publications.

Major contributions represented 29 percent of 2011 revenues and helped maintain core programs such as *Western Water* and Layperson Guide updates. In 2011, the Foundation continued its "Giving Back" program for our major contributors in which complimentary maps, publications and attendance at Foundation events were awarded to contributors based on their pledge. This is our way of thanking our contributors – who include cities, farmers, law firms, engineering firms, water districts, businesses and other organizations, and private individuals – for their support. (See page 12 for the list of major contributors.)

Additional Foundation income is derived from attendance at briefings and water tours, 37 percent in 2011, and the sale of our educational materials, 6 percent in 2011. In return for all this support, the Foundation continues to serve as the source of impartial information on water issues in California and the West. We thank all the organizations and individuals for the many ways in which they support our work and help us fulfill our mission.

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**Colorado River Project – *River Report* newsletter, Colorado River Tour, Colorado River Symposium**  
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**Klamath River Public Television Documentary**  
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**"Changing Our Perspectives" Delta Conservancy Conference**  
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*L to R: Legislators Bill Berryhill, R-Stockton, Jean Fuller, R-Bakersfield and Lois Wolk, D-Davis, (L to R) had a panel discussion with moderator Dean Mischzynski, PPIC, at the October 2011 Changing Perspectives Delta conference.*

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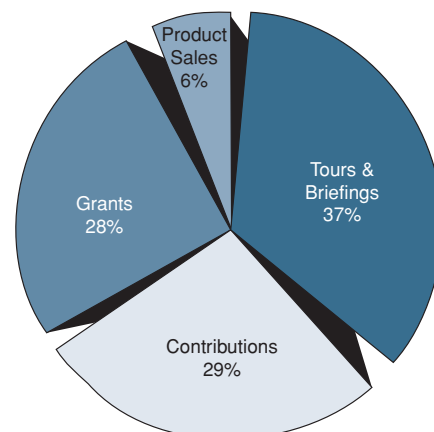
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*Lower Colorado River Tour participants at Hoover Dam.*



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*Foundation President Bill Mills, center, with two 2011 Water Leaders – Jolie-Anne Ansley, L, and Alexa La Plante, R.*





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*L to R: Paula Landis, Chief of DWR's Division of Integrated Regional Water Management, and Siran Erysan, Mapping Solutions, at the IRWM Conference.*



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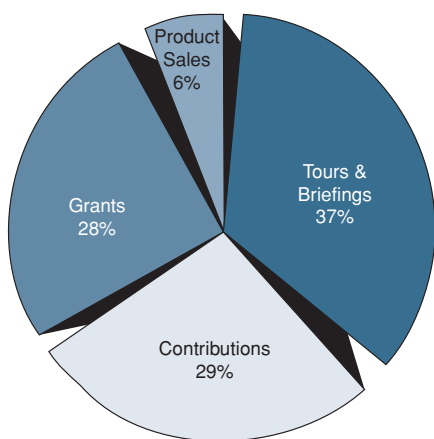
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*L to R: Program Director Sue McClurg, L, celebrated her 20th anniversary at the Foundation in 2011. She is shown here with, L to R, Development Director Beth Stern and Office Manager Diana Farmer.*



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*Longtime water attorney Art Littleworth, Best Best & Krieger – shown here with his wife, Peggy – was honored at the 2011 Santa Ana River Watershed Conference.*



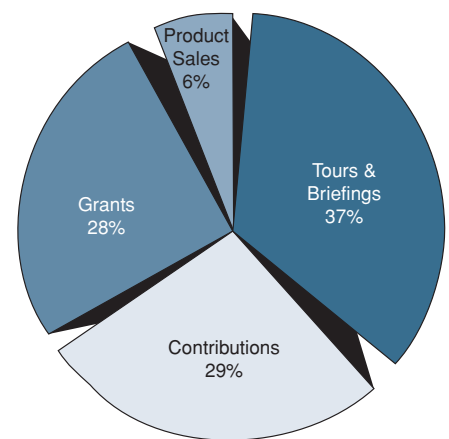
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*L to R: Foundation Executive Director Rita Schmidt Sudman with California Resources Secretary John Laird at the ACWA conference.*



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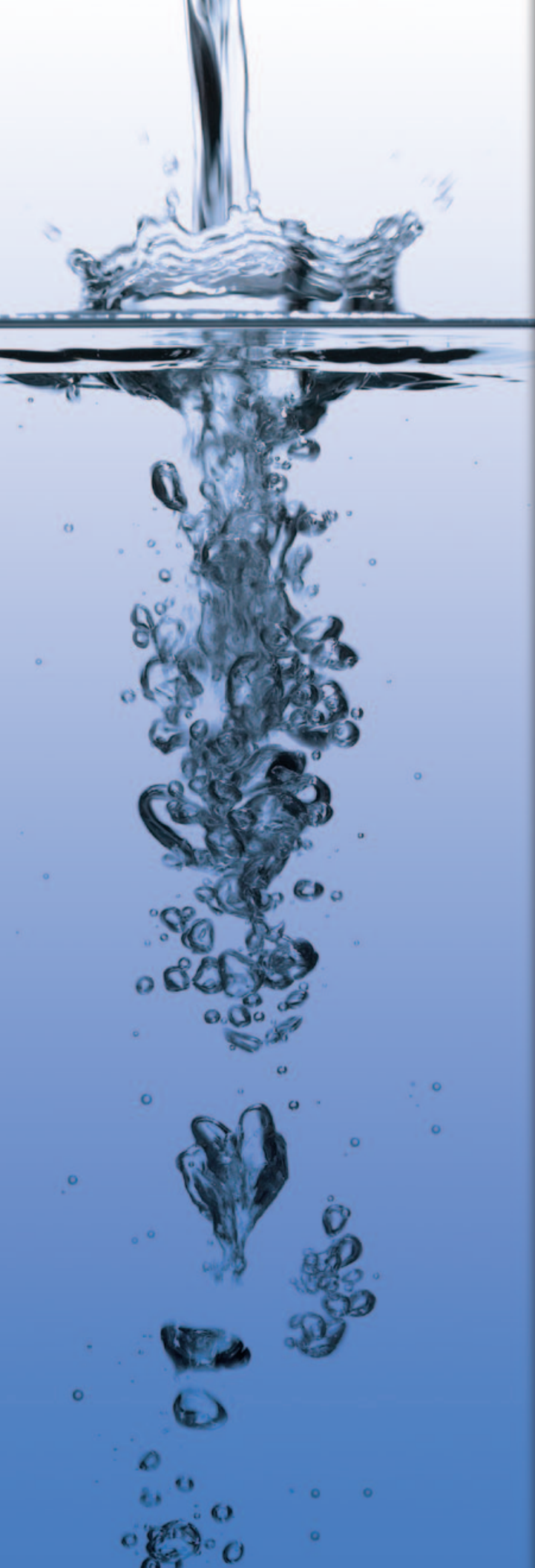




## Board and Staff

Top to bottom: Foundation staff, L to R, Rebecca Scott, Beth Stern, Jean Nordmann, and Rita Schmidt Sudman with Board Member Byron Buck, State and Federal Contractors Water Agency, at the fall ACWA conference; Board Member Tim Quinn, General Manager of ACWA, shares a laugh with Geoff Rabone with Yuba County Water Agency; Board Member Scott Morris and Kronick Moskovitz Tiedemann & Girard hosted a 20th anniversary party for Sue McClurg in 2011; Board Member David Orth, Kings River Conservation District, and Walt Wadlow, Alameda County Water District; Board Member David Guy, Northern California Water Association, at the 2011 Board and Staff Retreat; Foundation staff, back row, L to R, Patty Wong, Beth Stern, Brian Brown, Rita Schmidt Sudman, Rebecca Scott and Gary Pitzer; middle row, L to R, Diana Farmer and Jean Nordmann; front row, L to R, Sue McClurg, Susan Lauer and Robin Douglas.





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