



RESEARCH UPDATE

Advancing the Science of Water Reuse and Desalination through Research

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WaterReuse Foundation

The mission of the WaterReuse Foundation is to conduct and promote applied research on the reclamation, recycling, reuse, and desalination of water.

Research Conference to Include Tour of New Desalination Facility

Delegates attending the [11th Annual Water Reuse Research Conference](#) will be among the first to see the new El Paso/Fort Bliss Desalination Plant and TechH2O Center. The conference, which will be held June 4-5 at the El Paso Marriott in El Paso, TX, will conclude with hard hat tours of the new facilities. The Foundation's Research Conference provides an opportunity for the water reuse and desalination communities to hear and see presentations by researchers on the latest results of ongoing research.

This conference highlights research likely to generate future scientific breakthroughs in water reuse and desalination. The "single track" program provides a focused and unique opportunity for water reuse and desalination professionals to learn about new developments and trends emerging from current and ongoing research on innovative technologies, applications, and projects. For more information about the research conference, [click here](#).

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National Database of Reuse Facilities Unveiled

The WaterReuse Foundation recently completed work on the National Database of Water Reuse Facilities (NDWRF), a multi-year research project that surveyed water reuse facilities across the nation and collected the data in a searchable database. The NDWRF is a comprehensive database of reuse programs and facilities that can be used by agencies, utilities, consultants, and reuse water customers to advance the practice and implementation of water reuse at the local, regional, state, and national levels.

The Foundation developed the NDWRF in conjunction with the U.S. Bureau of Reclamation, EPA's Office of Water, the California State Water Resources Control Board, and the California Urban Water Agencies. There was also in-kind support from 26 major reuse facilities. The data was collected from 2005 to 2007.

The database will be maintained by the WaterReuse Association. Association members and Foundation Subscribers have limited complimentary access to the data. For information on submitting a query to the database, [click here](#).

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2006 Annual Report Highlights Achievements

In 2006, the Foundation formed and strengthened research alliances around the globe, performed significant applied research, and experienced substantial growth. These and other important achievements are highlighted in the [2006 Annual Report](#), which is now available on the Foundation's website.

The Foundation also welcomed 14 new Subscribers and awarded a record \$483,000 in research funding to Subscribers through the Tailored Collaboration program. To read about all of the successes of 2006, [click here](#).

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Foundation Launches New Projects

The Foundation released 10 new Requests for Proposals (RFPs) in early 2007 and is poised to release several more in the coming months. Forthcoming RFPs include:

- Alternative Viability/Infectivity Surrogates for Giardia for Which Cell Culture Infectivity Assays Are Not Available (WRF-05-003)

The objective of this study is to develop a viability or infectivity surrogate assay for *Giardia* and other enteric protozoa (e.g., *Cyclospora*).

- Water Reuse in 2030 (WRF-06-017)

The goal of this study is to project the global and domestic status of planned water reuse in the year 2030 and the scale and scope of trends that will shape and influence water reuse in the industrialized world over the intervening years.

The Foundation's Board of Directors will also approve a slate of new projects for funding at its June 5 meeting and RFPs will follow in late summer. The Foundation's growing research program covers a broad spectrum of issues, including chemical contaminants, microbiological agents, treatment technologies, salinity management, public perception, economics, and marketing. To view open RFPs, [click here](#).

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Foundation to Announce Finalists in Unsolicited Research Program

After receiving a record 71 preproposals from researchers interested in funding consideration under the 2007 Unsolicited Research program, the Foundation is set to notify finalists on June 15. The Research Advisory Committee is reviewing the submissions and will recommend a list of finalists to the Board of Directors. A short list of researchers will be asked to submit full proposals for final funding consideration. Final funding awards will be made in September 2007

The Foundation releases a Request for Preproposals each January asking researchers to submit their ideas for research projects that address emerging issues and involve original concepts, novel techniques, and other scientific research needs related to water reuse and desalination.

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New Staff Joins Foundation Team



A new project manager, Burnett King, joined the Foundation staff on April 30. Burnett has pursued studies in biology and molecular evolution. He has a B.A. from Harvard University and an M.A. from The George Washington University. In his spare time, Burnett likes to watch movies, travel, and play tennis. Burnett will manage research projects on behalf of the Foundation.



The Foundation also welcomed Courtney Tharpe earlier this year as Director of Conferences and Events. Courtney manages events for both the Foundation and the Association. Before coming to WateReuse, Courtney served as Director of Meetings and Registration with the Society of Research Administrators International for more than five years. She has a B.S. in Business Administration with a Minor in Hospitality and Tourism Management from the College of Charleston. In her spare time, Courtney enjoys baking, playing golf, and relaxing with her husband and their 18-month old son, Tucker.

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Foundation Welcomes New Subscribers

The Foundation welcomes the following new Subscribers:

[Loudoun County Sanitation Authority \(VA\)](#)

[Metropolitan Water District of Southern California](#)

[Pentair, Inc.](#)

[Southern Nevada Water Authority](#)

[Trinity River Authority](#)

Foundation Subscribers are a group of forward-looking organizations and individuals who help shape the Foundation's research agenda. The support of Subscribers is an integral component of the Foundation's ability to attract top-notch researchers and leverage its intellectual and financial resources around the world.

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