

In This Issue

- 10th Annual Research Conference
- Task Force Generates Research Ideas
- New Research Reports Available May 5
- New Research Results to be Posted Online
- Researchers Compete for Foundation Dollars
- Foundation to Release RFPs
- Foundation Adds New Project Manager
- Foundation Welcomes New Subscribers

Research Online

10th Annual Research Conference

Research Reports

Current Projects

RFPs

WateReuse Foundation

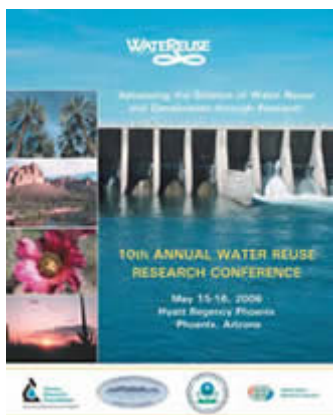
The mission of the WateReuse Foundation is to conduct and promote applied research on the reclamation, recycling, reuse, and desalination of water.

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Research Conference to be Held May 15-16

The WateReuse Foundation will highlight research likely to generate scientific breakthroughs in water reuse and desalination at the [10th Annual Water Reuse Research Conference](#) to be held May 15-16, 2006 at the Hyatt Regency in Phoenix, AZ.



The Research Conference is designed as a forum for the water community to interact, network, and discuss the results of the latest research. The program includes over 20 presentations on "cutting edge" research, addressing topics such as risk assessment and pathogen removal, indicators and surrogates for organics removal, and advanced water purification technology research.

The Foundation and several cosponsors also will host a reception at Chase Field, home of the Arizona Diamondbacks on May 15. The Diamondbacks will play the San Diego Padres.

Task Force Generates Research Ideas

A Joint Water Reuse & Desalination Task Force (JWR&DTF) workshop held April 17-18 in San Antonio, TX produced 18 new project descriptions with funding recommendations totaling about \$5.5 million for research designed to help the water industry overcome institutional issues impeding desalination progress.



The workshop on *Institutional Issues in Desalination* was the fifth of five workshops organized to help the Task Force implement the *Desalination and Water Purification Technologies Roadmap*, which was developed by Sandia National Laboratories and the U.S. Bureau of Reclamation to hasten the rate of technological advance and cost reduction of desalination technologies.

The Task Force invited water managers, engineers, environmentalists, and state and federal government officials to participate in the workshop to help identify nontechnical barriers to desalination. The attendees wrote research project descriptions covering such key topics as regulatory and policy issues, alternative energy, consumer attitudes, impacts on coastal habitats, and education and training.

The Task Force will pool its resources and seek to partner with other organizations to fund the research. The members of the Task Force participating in the *Roadmap* implementation are the Awwa Research Foundation (AwwaRF), Sandia National Laboratories, the U.S. Bureau of Reclamation, and the WateReuse Foundation.

New Research Reports Available May 5

The Foundation will release two new research reports on May 5:

- Removal and Destruction of NDMA and NDMA Precursors during Wastewater Treatment (WRF-01-002)
Principal Investigators: Michael C. Kavanaugh, Ph.D., P.E. of Malcolm Pirnie, Inc. and David L. Sedlak, Ph.D. of the University of California, Berkeley.
- Rejection of Wastewater-Derived Micropollutants in High-Pressure Membrane Applications Leading to Indirect Potable Reuse: Effects of Membrane and Micropollutant Properties (WRF-02-001)
Principal Investigator: Dr. Jörg E. Drewes of the Colorado School of Mines.

For more information about the Foundation's research reports, visit the [Research Reports webpage](#).

[\[Back to the Top\]](#)

New Research Results to be Posted Online

Results from two new research projects will be available on the Foundation's website beginning May 8.

As a follow-up to the popular 2004 report titled *Best Practices for Developing Indirect Potable Reuse Projects: Phase 1 Report*, the Foundation will unveil a set of web-based tools that will provide guidance in managing public perceptions of indirect potable reuse projects and public perceptions in general.

The Foundation will also release a new report that will be available by PDF download titled *Effects of Recycled Water on Turfgrass Quality Maintained Under Golf Course Fairway Conditions* (WRF-04-002).

The research results can be accessed from the Foundation's [Research Reports](#) webpage beginning May 8.

[\[Back to the Top\]](#)

Researchers Compete for Foundation Dollars



The Foundation received 63 pre-proposals from researchers interested in tapping into nearly \$0.5 million in available funding under its Unsolicited Research Program. This marks a significant growth in interest from 2005 — the first year of the program — when 37 pre-proposals were submitted.

The Foundation's Unsolicited Research Program promotes applied research through projects proposed by researchers. Unsolicited research projects typically address emerging issues and involve original concepts, novel techniques, and other scientific research needs.

The Foundation's Research Advisory Committee will select the best of the preproposals and ask a limited number of researchers to submit full proposals in June. After review of full proposals, the Foundation will announce funding for three to six projects in September.

The 2006 "Call for Preproposals" was released in January and the deadline for submission of preproposals was March 17. The next "Call for Preproposals" will be released in January 2007.

[\[Back to the Top\]](#)

Foundation to Release Request for Proposals

The Foundation will release two new Request for Proposals (RFPs) in Spring 2006 under its Solicited Research Program:

- Summary of Completed and Ongoing Investigations Pertaining to Minimization, Formation, Cost Effective Treatment, and Destruction Of N-Nitrosodimethylamine (NDMA) (WRF-04-020).
- Selecting Treatment Trains for Seasonal Storage of Reclaimed Water: Treatment of Influent to Storage and Withdrawals from Storage (WRF-04-021).

The Foundation is currently accepting Proposals on two projects:

- Selecting and Testing of Tracers for Measuring Travel Times in Surface Impoundments and Groundwater Aquifers Augmented with Treated Wastewater Effluent (WRF-05-007).
- Conduct Survey Research to Obtain Information/Data from All Water Recycling Facilities in California (WRF-06-001).

For more information on RFPs, visit the Foundation's [RFP webpage](#).

[\[Back to the Top\]](#)

Foundation Adds New Project Manager



The Foundation welcomes its newest project manager, Taylor Mauck of Washington, DC. Before joining the Foundation, Taylor pursued laboratory and field work in the area of natural resource science. She is currently building upon her botany and geology background while studying ecotoxicology part-time in a post-graduate program at Johns Hopkins University. In addition to studying, Taylor enjoys checking out the local music scene and taking long walks on the beach.

[\[Back to the Top\]](#)

Foundation Welcomes New Subscribers

The Foundation welcomes the following new Subscribers:

- Alan Plummer Associates, Inc.
- Brown and Caldwell
- City of Scottsdale
- Delta Diablo Sanitation District
- HDR Engineering
- Pima County Wastewater Management Department
- San Francisco Public Utilities Commission

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.

[\[Back to the Top\]](#)