

National Water Research Institute

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In This Issue

- 2011 NWRI Fellowship Research Progress Reports Now Online
- Join the NWRI Corporate Associates Program
- Desalination Expert David Furukawa Awarded Honorary Professorship
- International Water Forum at the United Nations (Sept. 16, 2011)
- Presentations and Papers from the "IWA Conference on NOM" Online
- Water Resource Sustainability Issues on Tropical Islands Conference (Nov. 2011)

2011 NWRI Fellowship Research Progress Reports Now Online

Research project progress reports from 10 graduate students who received NWRI Fellowship Program funding for academic year 2010-2011 are now available to download online at <http://www.nwri-usa.org/epublications.htm>.

The progress reports focus on research topics such as:

- A Combined Hydrological and Managerial Approach to Evaluating Urban Water Vulnerability
- Evaluation of Coal Derived Organic Fouling of Desalination Membranes by Coalbed Methane Produced Water
- Water Policy Designs to Address Societal Transitions
- The Influence of Adsorption and Attenuation on the Biodegradation of Trace Micropollutants
- And others

For over 15 years, NWRI has awarded fellowship funding to graduate students conducting leading-edge research in water science and policy. The purpose of these fellowships is threefold: to 1) support graduate students; 2) highlight talent and innovations at U.S. universities; and 3) encourage students to pursue careers in water.

The Fellowship Program is sponsored by the NWRI Corporate Associates, who include:

- Black & Veatch
- Carollo
- CDM
- CH2M HILL
- Kennedy/Jenks Consultants
- Malcolm Pirnie, Inc.
- MWH
- United Water - SUEZ

NWRI partners with water industry organizations, including the American Membrane Technology Association (AMTA) and Southern California Salinity Coalition (SCSC), to sponsor fellowships.

In addition, we receive funding from organizations and individuals through the Ronald B. Linsky Fellowship Endowment Fund. Donations to the endowment fund can be made at <http://www.nwri-usa.org/LinskyFellowship.htm>.

We are thankful for the generous support of our partners.

For more information about the NWRI Fellowship Program, please visit <http://www.nwri-usa.org/fellowship.htm>. For more information about NWRI Corporate Associates Program, please visit <http://www.nwri-usa.org/associates.htm>.

Join the NWRI Corporate Associates Program

NWRI would like to invite companies in the water industry to consider joining the NWRI Corporate Associates Program, which is designed to promote collaboration and information exchange between our corporate partners, the water and wastewater utilities that serve as NWRI member agencies, and our colleagues in the water industry

The cost to join the Corporate Associates Program is \$2,500.

All Corporate Associate membership fees are exclusively used to support graduate students who are conducting new research related to water resources with NWRI Fellowships.

The Corporate Associates Program was recently refined and improved to become more interactive in:

- Identifying and discussing issues of common interest.
- Gathering and sharing critical information.
- Building partnerships to address problems and promote advancements in our industry.

Examples of new Corporate Associate benefits include:

- A Corporate Associates e-newsletter that is sent out once a month, and will highlight items such as pertinent publications or events that may be of interest to our Corporate Associates, leading-edge research efforts and ideas, opportunities to apply for grants with NWRI, and other useful items
- A "Lunch and Lecture Series" that will be held three times a year for the benefit of our Corporate Associates, water and wastewater utility members, and others in our industry to promote new ideas and information exchange. The 25-minute lectures will be on topics of significance, followed by a question-and-answer session and group discussion.

For more information about the Corporate Associates Program, including additional benefits and how to apply, please visit <http://www.nwri-usa.org/associates.htm>.

Desalination Expert David Furukawa Awarded Honorary Professorship

Congratulations to David Furukawa, P.E., Ch.E., renowned expert in desalination and Chair of NWRI's Research Advisory Board, who was awarded with an Honorary Professorship from Murdoch University in Western Australia.

Furukawa received the honor because of his many contributions to desalination research and his efforts to create a roadmap to guide desalination research and development in Australia for the next 5 years.

Furukawa is Chief Scientific Officer for the National Centre of Excellence in Desalination Australia, which is a consortium of 13 universities and CSIRO collaborates to improve desalination technology.

The announcement of his honorary professorship was made during the official opening of the Centre's new \$5 million Desal Discovery Centre and Rockingham Desal Research Facility in early September 2011. It is only the third such award by Murdoch University.

Furukawa has more than 40 years of desalination technology expertise in both public and private sectors, and had held many positions, including past President and Director of the International Desalination Association and past President of the American Desalting Association. Currently, he is President of the California-based desalination consulting company, Separation Consultants, Inc., and serves as Vice-Moderator of the Research Advisory Council for the Middle East Desalination Research Centre.

For more information, please visit <http://desalination.edu.au/2011/09/honorary-professorship-for-chief-scientific-officer-david-furukawa/>.

International Water Forum at the United Nations (Sept. 16, 2011)

Be part of the process to organize a worldwide education and awareness campaign on the global water crisis by attending the "International Water Forum," which will be held during the 66th Session of the United Nations General Assembly, on September 16, 2011, at the United Nations Headquarters in New York, NY.

The Forum is being organized by The Chronicles Group and the Energy Water Institute of New York, in cooperation with the United Nations Institute of Training and Research, World Water Organization, and WaterAid America.

Patricia Mulroy, General Manager of the Southern Nevada Water Authority, will provide the keynote address, while actress Jane Seymour will introduce a segment on film highlights. In addition, a special lunch presentation will be given by Charles Fishman, author of *The Big Thirst: The Secret Life and Turbulent Future of Water*.

The Forum will feature three main sessions, each overseen by an expert panel. Session topics include:

- Water Issues in North America - A Focus on the United States
- Global Water Issues
- Developing and Implementing a Public Education and Branding Strategy

Participation is free of charge. For more information or to register for the International Water Forum, please visit <http://www.ewiny.org/international-water-forum>.

Presentations and Papers from the "IWA Conference on NOM" Online

Over 130 presentations and 30 papers from the "Fourth IWA Specialty Conference on Natural Organic Matter (NOM)" are available to download online at <http://www.nwri-usa.org/nom2011.htm>.

Held in July 2011, the Fourth IWA Conference on NOM was devoted to better understanding the dynamics and impacts of NOM in drinking water, wastewater, recycled waters, natural waters, and marine systems.

Planning for the Fifth IWA Conference on NOM is underway. The next conference is expected to be held in Perth, Australia, in 2013.

Water Resource Sustainability Issues on Tropical Islands Conference (Nov. 2011)

Tropical oceanic islands share many of the same water and wastewater problems and issues despite diverse geomorphology, climate, and degree of development.

The Water Resources Research Center at the University of Hawaii at Mañoa, in cooperation with the Virgin Islands Water Resources Research Institute, Puerto Rico Water Resources and Environmental Research Institute, and Water and Environmental Research Institute of the Western Pacific in Guam, are organizing a conference on the general theme of water and wastewater sustainability issues in island environments.

The conference will be held on November 14-16, 2011, in Honolulu, Hawaii. For more information, please visit <https://sites.google.com/site/wrrconference2011/conference-objectives>.

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