
National Water Research Institute

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Call for Nominations - NWRI Clarke Prize for Excellence in Water Research

NWRI is pleased to begin the nomination process for the 2009 Athalie Richardson Irvine Clarke Prize.

NWRI established the Clarke Prize in 1993 to award outstanding individuals who are significantly contributing toward any of the following areas: the discovery, development, improvement, and/or understanding of the issues associated with water quality, quantity, technology, or public policy.

The Prize, which includes a medallion and \$50,000 award, is one of only a dozen prizes that awards scholarly and practical achievements in water research. It has been designated by the International Congress of Distinguished Awards as one of the most prestigious awards in the world.

Nominations are due by March 1, 2009. Additional information about the Clarke Prize, including nomination procedures, may be found at www.nwri-usa.org/nominations.htm.

Reports Available on Urban Runoff Impact Study Phase III

Two new NWRI final project reports are now available that examine the impact of urban runoff on the Santa Ana river Watershed in Southern California. One report examines the transport and distribution of suspended particles along an inland-to-ocean transect, while another examines fecal indicator bacteria impairment in surface waters in an urban area.

"Urban Runoff Impact Study Phase III: Size Distribution, Sources, and Transport of Suspended Particles along an Inland-to-Ocean Transect" is a 113-page report prepared by the following:

- Jong Ho Ahn, Stanley B. Grant, Cristiane Q. Surbeck, and Sunny Jiang, University of California, Irvine
- Paul M. DiGiacomo, Jet Propulsion Laboratory/California Institute of Technology
- Nikolay P. Nezhlin, Southern California Coastal Water Research Project

"Urban Runoff Impact Study Phase III: Land-Use and Fecal Indicator Bacteria Generation" is a 149-page report prepared by the following:

- Cristiane Q. Surbeck, Stanley B. Grant, Jong Ho Ahn, Sunny Jiang, and Stephen A. Soeller, University of California, Irvine
- Patricia A. Holden, Laurie C. Van Der Werfhorst, and Daniel J. Brooks, University of California, Santa Barbara

To download these final project reports, please visit www.nwri-usa.org/epublications.htm.

Register Now for Advanced Asset Management Workshop (San Diego, CA)

Registration is open for a "hands-on" workshop focused on improving the asset management assessment skills of water and wastewater utilities. The workshop will be held February 10-11, 2009, in San Diego, CA.

Workshop sponsors include:

- U.S. Environmental Protection Agency
- City of San Diego Metropolitan Wastewater District
- NWRI

Practical, advanced techniques for better managing assets have been developed and refined in both the U.S. private sector and in water and wastewater agencies around the world, with focus on long-term effectiveness, service sustainability, and effective environmental management. This workshop will demonstrate how these advanced asset management techniques can be most effectively transferred to your water or wastewater utility.

Register online at www.regonline.com/assetmanagement. More information on the workshop, including the workshop brochure, is available on the registration webpage.

National Academy Committee to Assess Water Reuse

The National Academy of Sciences' National Research Council has selected committee members to participate in a study assessing water reuse as a means of meeting future water supply needs.

Committee members include: (Chair) Rhodes Trussell (Trussell Technologies), Edmund Archuleta (El Paso Water Utilities Public Service Board), James Crook (Monterey Regional WPCA and independent Consultant), Jorg Drewes (Colorado School of Mines), Denise Fort (University of New Mexico), Charles Haas (Drexel University), Brent Haddad (University of California, Santa Cruz), Duane Huggett (University of North Texas), Sunny Jiang (University of California at Irvine), David Sedlak (University of California, Berkeley), Shane Snyder (Southern Nevada Water Authority), and Dale Whittington (University of North Carolina at Chapel Hill).

Sponsored by the U.S. Environmental Protection Agency, this study will look at the potential for water reclamation and reuse of municipal wastewater to expand and enhance our nation's water supply alternatives. It will assess the technology, risks, costs, research needs, and barriers to implementation. A report is expected in mid-2010.

Agencies interested in supporting the study should contact Stephanie Johnson at the National Research Council at (202) 334-3385 or sjohnson@nas.edu.

For more information, please visit www8.nationalacademies.org/cp/projectview.aspx?key=48995.

Notice of Public Comment - Proposed Recycled Water Quality Policy

The State Water Resources Control Board has revised both its proposed Recycled Water Policy and the corresponding draft certified regulatory program environmental analysis, pursuant to the California Environmental Quality Act. The proposed Policy and the draft staff report may be found at www.waterboards.ca.gov/water_issues/programs/water_recycling_policy/.

The State Water Board will accept written comments on the proposed Policy and draft staff report. Comments are due by noon on December 22, 2008.

For questions, please contact Gordon Innes, Senior Water Resource Control Engineer, at (916) 341-5517 or ginnes@waterboards.ca.gov.

Singapore Ph.D. Scholarship Deadline Is Jan. 30, 2009

The Singapore National Research Foundation (NRF) is offering scholarships to support up to 4 years of academic pursuit, leading to a Ph.D. in the fields of Environmental Science & Engineering, Chemical Engineering, Civil Engineering, Mechanical Engineering, Chemistry, Physics, Biological Sciences, and Materials Science or Engineering. Research projects and theses should be in or related to Environment and Water Technology. Candidates can look forward to an exciting R&D career in any Singapore-based organization of their choice

after graduation.

The closing date for application is January 30, 2009. More information on the scholarship can be found at www.mewr.gov.sg/ewj.

State of the Santa Ana River Watershed Conference in Jan. 2009

The Santa Ana Watershed Project Authority will hold the Inaugural "State of the Santa Ana River Watershed - Overcoming Boundaries Conference" on January 29, 2009, to focus on regional water solutions for a watershed that is shared by four counties in Southern California.

Over a thousand top-level regional stakeholders will be attending the Conference, which will be held at the Ontario Convention Center in Ontario, CA. Jeff Mosher of NWRI will participate on a conference panel addressing salinity management.

For more information about the conference, please visit www.santaanawatershed.com.

Registration Open for First International Conference on Microbial Transport and Survival in Porous Media (May 2009)

Many outbreaks of waterborne illness caused by viral and bacterial agents, such as E. coli, Campylobacter, hepatitis A, and Noroviruses, can be attributed to subsurface contamination. However, satisfactory mitigation strategies to reduce the likelihood of subsurface contamination by pathogens are still lacking in part because their transport and survival must be better understood.

The Canadian Water Network and National Water Research Institute (U.S.) will hold the First International Conference on Microbial Transport and Survival in Porous Media to advance our understanding of the transport and survival of microorganisms and, particularly, pathogens in subsurface environments and the associated risk of pathogen contamination in groundwater. The Conference will be held on May 10-13, 2009, at Niagara-on-the-Lake in Ontario, Canada.

Student abstracts are still being accepted until January 20, 2009. For more information about the conference or to submit a student abstract, please visit www.regonline.com/microbialtransport.

Micropol and Ecohazard 2009 Conference in June 2009

Registration is open for the Micropol and Ecohazard 2009 Conference that will be held June 8-10, 2009, in San Francisco, CA, to examine the fate, effects, and treatment of micropollutants in natural and engineered systems.

Topics will include:

- Environmental Chemistry.
- Toxicity and Risk Assessment.
- Wastewater Treatment and Water Reuse.
- Drinking Water Treatment.
- Regulations and Management.
- Emerging Issues (e.g., Nanomaterials).
- Fate, Transport, and Removal in Soil and Groundwater.

Conference sponsors include the International Water Association (IWA) and Groundwater Resources Association (GRA) of California, with collaboration from NWRI and others.

For more information about the conference, please visit www.grac.org/micropol.asp.

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Phone: 714-378-3278
Fax: 714-378-3375
