



FOR IMMEDIATE RELEASE

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CALL FOR ABSTRACTS

FOR 2011 MANAGED AQUIFER RECHARGE SYMPOSIUM

Presentations to focus on aspects of managed aquifer recharge as related to recharge basins

FOUNTAIN VALLEY, Calif. – The Water Research Foundation (WaterRF), Orange County Water District (OCWD), and National Water Research Institute (NWRI) are seeking abstracts for oral and poster presentations for a 2-day symposium that will highlight the need and benefits of storing more water underground through managed aquifer recharge efforts, with a focus on recharge basins.

Recharge basins are surface facilities, such as large ponds, that increase the infiltration of surface water (including river water, recycled water, and storm water) into aquifers. These basins are used to replace the water being pumped from aquifers or to augment existing water supplies within aquifers.

The Managed Aquifer Recharge Symposium will be held on January 25-26, 2011, at the Atrium Hotel in Irvine, CA, to serve as a forum for detailed discussions about managed aquifer recharge using recharge basins and to exchange information among practitioners and experts in the field, including engineers, consultants, academics, researchers, government officials, and the managers, staff, and officials of water and wastewater utilities.

Presentations will focus on the technical and policy issues regarding managed aquifer recharge as related to recharge basins. Topic areas include:

- **Recharge Basin Performance**, including geology, hydrogeology, and factors (such as recharge water quality) that affect performance.
- **Recharge Basin Operations**, including recharge facility cleaning, vector control, and monitoring.
- **Modeling of Recharge Basin Performance**, including hydrodynamics and water delivery and storage.
- **Basin Optimization**, including basin geometry, pretreatment of recharge water, optimal cleaning sequence/timing, engineered sediments to maximize recharge, and the removal of low permeability sediments.

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- **Facility Planning and Engineering**, including land acquisition/construction of new basins, estimating long-term performance, converting flood control facilities to recharge basins, issues with multi-use facilities, and economic evaluations.
- **Innovative Recharge Ideas**, including the pretreatment of water to maximize recharge performance, shallow subsurface systems, and in-place cleaning systems.
- **Research**, including current research and areas of future research.
- **Operational Experience**, including agency case studies, regulatory, and water quality.

Practitioners, researchers, consultants, water agency staff, and others involved in basin recharge activities are invited to submit an abstract for an oral or poster presentation. Student posters are also welcome.

Abstracts must be one-page in length (no more than 500 words) and single-spaced. The deadline for abstracts is September 15, 2010.

The registration fee for presenters is \$275. Onsite registration is \$400.

More information the Managed Aquifer Recharge Symposium, including abstract submittal instructions, can be found at www.regonline.com/rechargesymposium.

The Water Research Foundation (WaterRF) is the largest organization in the world dedicated to drinking water research. Since 1996, WaterRF has spent over \$460 million worth of research to understand, manage, and solve the most pressing issues of water utilities. More information may be found at www.WaterRF.org.

The Orange County Water District (OCWD) manages the groundwater basin that provides most of the drinking water for northern and central Orange County, CA. OCWD maintains ones of the most advance managed aquifer recharge systems in the world. More information may be found at www.ocwd.com.

The National Water Research Institute (NWRI) is a nonprofit research organization founded in 1991 to promote the protection, maintenance, and restoration of water supplies and to protect the freshwater and marine environments through the development of cooperative research work. More information may be found at www.nwri-usa.org.

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