

# PNCWA 2012

## Building Professional Excellence in Water Quality™

CALL FOR ABSTRACTS for the PNCWA 2012 Annual Conference is now open.

Annual Conference & Exhibition

October 21-24

Boise Centre

**Boise, ID**

**Abstracts must be submitted online at [www.pncwa.org/abstracts](http://www.pncwa.org/abstracts)**

**Abstract submission closes March 16, 2012**

**NO DEADLINE  
EXTENSIONS  
THIS YEAR**

The PNCWA2012 conference in Boise, ID is scheduled for October 21–24 at the Boise Centre. Abstract submittals are requested from all professionals, including facility and collection systems operations and maintenance staff, engineers, consultants, regulatory personnel, facility managers, and university researchers.

The emphases of PNCWA2012 will include strategies for meeting more stringent nutrient MDLs, opportunities to provide certification training for wastewater treatment plant operators, and the shift towards energy and resource recovery throughout the wastewater treatment process. Additionally, *sustainability*—water reclamation/reuse, sustainable development, natural treatment systems, onsite and decentralized treatment, sustainable water resources, and integrated water resources management—remains a priority.

### Program topics include:

- Plant Operations: safety, laboratory, training, on-line analyzers, process control, information technology, automation
- Energy Efficiency and Recovery: applied and emerging technologies, operations, funding opportunities
- Advanced Wastewater Treatment: membrane bioreactors, phosphorus & nitrogen removal, limits of technology for biological nutrient removal, filtration, disinfection, sidestream treatment
- Conveyance: collection systems, pump stations, pipeline design, tunneling, CSOs, SSOs, I/I studies, outfalls, hydraulic modeling, operations & maintenance, condition assessment, FOG management
- Wet Weather Issues: CSOs, regulatory issues, long term control planning, storage facility design, permit compliance strategies
- Residuals/Biosolids: managing chemical sludge, class A processes, class B processes, sludge drying, thickening, dewatering, solids reduction, digestion, bioenergy, reuse, regulatory issues, alternative processes
- Odor Control: treatment plant, collection systems, air flow/dispersion modeling, industrial applications, new technologies
- Innovative Approaches: planning, design, construction, operation, maintenance, process optimization
- Public Involvement: perception, communications, education, outreach
- Stormwater: runoff control, collection, treatment, permitting, green stormwater infrastructure, low impact development
- Water Quality: regulatory issues, TMDLs, watershed permitting, receiving water quality, nutrient modeling, nutrient credit trading
- Industrial Treatment/Pretreatment: regulatory issues, pretreatment programs, controlling FOG
- Utility Management: emergency preparedness, asset management, financing, risk management, security
- Emerging Contaminants: microconstituents, analytical/limits of detection, laboratory requirements, fate and transport modeling
- Research: research that enhances the scientific and technical body of knowledge on relevant wastewater issues. This includes applied research to achieve practical solutions and measurable water quality improvement including “leading edge” university research, WERF research, or project-related pilot studies or research.

*Young Professionals and Vendors interested in a no cost best practices webinar on preparing an abstract and/or preparing a ppt presentation please email [mikerahey@pncwa.org](mailto:mikerahey@pncwa.org).*

**Abstracts must be submitted online by March 16, 2012 at [www.pncwa.org/abstracts](http://www.pncwa.org/abstracts)**

Please limit abstracts to approximately 300 words and include a brief résumé. You need only to submit your abstract and your résumé at this time. Electronic copies of accepted presentations will be collected at the conference. Presenters are expected to register for the conference and pay all applicable registration and preparation fees. We are going to have a great technical program in Boise and hope that you can be a part of it. We look forward to seeing you at the conference in October.

Jeff Bandy, Ph.D, Carollo Engineers  
PNCWA2012 Technical Program Chair

For assistance contact [JBandy@carollo.com](mailto:JBandy@carollo.com) or [mikerahey@pncwa.org](mailto:mikerahey@pncwa.org).

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