

# Sixth National Monitoring Conference

## Monitoring: Key to Understanding Our Waters

May 18-22, 2008

Atlantic City Convention Center, Atlantic City, New Jersey

# Call For Abstracts

The National Water Quality Monitoring Council (NWQMC) hosts its 6th conference, *Monitoring: Key to Understanding Our Waters*. The conference will focus on seven themes that highlight the importance of monitoring in achieving the goal of clean water for all. Especially integral to effective monitoring networks are the “3C’s” of the Council’s Framework for Monitoring – Communication, Collaboration, and Coordination. These vital elements are fundamental to the overall conference themes and will therefore be woven throughout the conference agenda. The conference will feature successes from a broad array of river basins and coastal waters, including overviews of the three pilot studies selected for the National Water Quality Monitoring Network for U.S. Coastal Water and their Tributaries.

### Themes

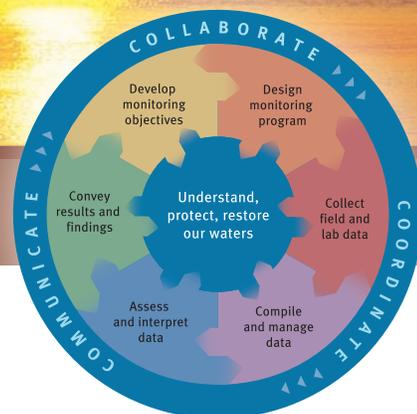
- Connecting and Integrating Data about Hydrologic Resources
- Collecting, Assessing, and Interpreting Data: New Technologies and Analytical Methods
- Describing the Sustainability and Condition of Water Resources
- Understanding Water-Quality Stressors
- Enhancing State, Regional, and Local Monitoring Programs
- Addressing Multi-Jurisdictional and International Monitoring Issues
- Improving Communication through Innovative Outreach

### City Information

Atlantic City, NJ, is a world class city that boasts top tier convention facilities, hotels and family entertainment. Atlantic City is located near several river basin and coastal water initiatives, including the Delaware Bay, part of a network pilot study.

Located in the heart of the northeast and within easy driving distance of a third of the population of the United States, Atlantic City, NJ is an ideal spot for the National Monitoring Conference. The city is readily accessible by air through Atlantic City International Airport and Philadelphia International Airport or by car and bus along three major highways.

For more information on Atlantic City, NJ, please visit <http://www.atlanticcitynj.com/>



## What your colleagues had to say about the 2006 conference

*“Very helpful for communicating projects, successes and issues to the public.”*

*“Excellent. Well organized, useful info. Giving us time to look at data in small groups was a great way to get the point across.”*

*“Great work and liked the ways of encouraging the volunteer to solve their needs.”*

*“Very thought provoking and inspiring.”*

*“Great mix of scientific research and regulatory workers.”*

*“Excellent! Every volunteer monitoring program should be required to attend this workshop!”*

# Calling All Abstracts

The National Water Quality Monitoring Council seeks abstracts for oral and poster presentations that are directly relevant to one or more of the seven conference themes. Keep in mind that this conference covers topics applicable to monitoring of all waterbody types, including streams, large rivers, lakes, groundwater, wetlands, estuaries, and oceans. Similarly, this conference is not limited geographically. The Council prides itself on attracting presenters from across the globe to share their unique experiences and perspectives on issues we are all currently facing. A list of topic possibilities is included as a springboard from which you may generate ideas and is not meant to be limiting.

## Topic Ideas:

- The role of the monitoring networks in enhancing collaboration
- Monitoring effects of climate change on water quality
- Outreach and Water Quality: Effective Communication
- Integrating physical, chemical, and biological monitoring approaches
- Monitoring across political boundaries
- Advances in analytical methods
- Data integration and sharing strategies
- Monitoring to meet many objectives
- New sensor technologies and their applications
- Empowering citizens: Translating data into understanding
- Field & analytical methods of assessment
- Real-Time monitoring
- Predictive assessment tools
- Future Monitoring Challenges: GMO, nanoparticles, emerging contaminants
- Indicators of stress in aquatic systems
- Use of models to understand water quality stressors
- Using ancillary data and GIS tools
- Using & developing water quality indices
- Evaluating effects of urban, agricultural, and mining land uses
- Sustaining long-term programs
- Approaches to monitoring in other countries
- Use of genetic and bioindicator methods to evaluate chemical stressors
- Data management and exchange
- Building capacity for volunteer monitoring programs
- User driven data requirements for integration and interoperability
- Measuring program-wide performance
- State and regional monitoring councils and partnerships
- Diagnosing watershed health

## Elizabeth J. Fellows Award

We are currently accepting nominations for the Elizabeth J. Fellows award. Please visit the website for further details.

To submit an abstract **Please visit [www.wef.org/monitoring](http://www.wef.org/monitoring)**  
If you experience difficulties, please email WEF staff at [Monitoring2008@wef.org](mailto:Monitoring2008@wef.org).

**Abstracts must be received by September 10, 2007**

For Questions or Additional Information Contact: Water Environment Federation, Conference Programs  
– Monitoring 2008, Phone: 703-684-2400, ext. 7010 or [Monitoring2008@wef.org](mailto:Monitoring2008@wef.org)

## Registration Information

Registration costs include workshops, numerous meals, and an evening reception. Limited scholarships may become available.

Attendee: \$375-\$525 (early registration); \$ 420-\$590 (onsite), Paper or Poster Presenter: \$325-\$475

Exhibitor: \$1500 (10 ft. by 10 ft. booth); \$2000 (10 ft. by 20 ft. booth)

Further registration, exhibitor, and other conference information will be available online at <http://www.wef.org/monitoring>

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