THE INSTITUTE REVIEW
Second Quarter 2014

Environmental Measurement Symposium

By Lara Phelps, USEPA and Jerry Parr, Executive Director

For the eighth year, the Environmental Measurement Symposium, which represents the combined meetings of the National Environmental Monitoring Conference (NEMC) and the Forum on Laboratory Accreditation (The Forum), will be meeting at the Hyatt Capitol Hill in Washington, DC from August 4 – 8, 2014. This year, the Symposium's theme is *"The Future of Environmental Measurement and Monitoring"*.

Deadline for Early Registration is July 11, 2014

Some of the highlights for the week include:

- A special half-day general session focused on the conference theme, featuring EPA Administrator Gina McCarthy and other key Federal officials from the Department of Defense (DoD), the US Geological Survey (USGS), and the National Oceanic and Atmospheric Administration (NOAA);
- Over 160 oral and poster presentations on a variety of cutting-edge environmental monitoring issues;
- Meetings of The NELAC Institute (TNI) Committees to further TNI efforts on environmental laboratory accreditation, proficiency testing, and accreditation of field sampling and measurement organizations;
- An exhibit program showcasing the latest innovations in environmental monitoring;
- Five special keynote presentations on topics of general interest; and
- An open meeting of the US Environmental Protection Agency's (EPA's) Environmental Laboratory Advisory Board.

Forum on Laboratory Accreditation

The NELAC Institute's (TNI's) semi-annual meeting is an integral part of the Environmental Measurement Symposium (Symposium). Highlights from this summer's Forum include:

- Meetings of TNI's Expert Committees that are working to revise accreditation standards;
- An Assessment Forum and Mentor Session;
- A special session on the Future on Laboratory Accreditation;
- A special session on implementation plans for a 2015 laboratory accreditation standard; and
- Meetings of the TNI executive committees that manage TNI's Proficiency Testing Program and National Environmental Field Activities Program.

Innovative New Technology Showcase

By Lara Phelps, USEPA

Organized jointly by the U.S. Environmental Protection Agency (US EPA or the Agency) and The NELAC Institute (TNI), the 2014 Environmental Measurement Symposium (the Symposium), a combined meeting of the 30th Annual National Environmental Monitoring Conference (NEMC) and the Forum on Laboratory Accreditation, is the largest conference focused on environmental measurements in North America. On Tuesday, August 5, 2014 from 5:30 – 7:30, we are pleased to offer an exclusive opportunity this year at the conference site for twelve (12) organizations to showcase innovative new technology – sensors, apps, personal monitoring devices, among others – and network with several hundred managers and senior staff from commercial laboratories; the regulated community; the Agency's regulatory program offices, regional and headquarters compliance staff; state compliance officials; tribal nations; the international community; the exhibitor community; and others involved in or affected by the Agency's policies and procedures.

Attendees of the **Innovative New Technology Showcase** can expect each organization to have a poster board and table set-up in a walk-in reception style setting; a 5-minute platform speaking opportunity from their display area for all attendees to hear about each technology opportunity; and networking time with the organizations. We look forward to seeing you in August!!!

As these sessions become further developed, additional details will be available on the TNI website at http://www.nelac-institute.org.

Environmental Measurement Symposium cont.

National Environmental Monitoring Conference (NEMC)

The National Environmental Monitoring Conference (NEMC) provides the principal forum for addressing policy and technical issues affecting monitoring in all environmental media (i.e., water, air, soil, and waste) and across all environmental programs. NEMC is co-sponsored by The NELAC Institute (TNI) under a cooperative agreement with the U.S. Environmental Protection Agency (US EPA). The technical program is organized by a committee of environmental experts from government and private industry, which brings together a balance of technical and policy topics for each year's symposium that are of interest to all.

NEMC 2014 will feature over 160 oral and poster presentations organized into concurrent technical sessions from Monday through Thursday, with a general session on Wednesday morning. A keynote address on a major topic will kick-off the start of each day.

Technical Sessions for NEMC 2014 include:

- Academic Research
- Sample Preparation
- Air Methods & Monitoring
- Metallic Species
- Advanced Organics
- Reference Materials
- Water Pollution Monitoring
- Collaborative Efforts
- Microbiology
- Data Management
- DoD LCS Study
- Field Measurements & Sensors
- HPLC
- Laboratory Accreditation
- LIMS Implementation
- Operational and Advocacy Issues
- Topics in Drinking Water

The Wednesday morning General Session will feature presentations regarding the conference theme – *The Future of Environmental Measurement and Monitoring*.

On Friday, there will be a free workshop offered on *"Scientific Integrity in Federal Agencies: Lessons from the Environmental Protection Agency".* While scientific misconduct is widely understood in the scientific community, scientific integrity is a broader concept, including more than plagiarism, falsification, and fabrication. The objective of this course is to acquaint participants with scientific integrity and what Federal Agencies expect from their scientists, supervisors, political appointees, volunteers, contractors, and grantees. You must register to participate due to limited seating being available.

Please take a few minutes to look over the preliminary program and register today. To view abstracts and the preliminary program in addition to conference arrangement details, visit http://www.nemc.us. We look forward to seeing you in August!!!