



## **Air & Waste Management Association Pacific Northwest International Section Electronic Newsletter #5, October 2004**

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- PNWIS 2004 conference
- PNWIS Annual Awards Nominations
- Environmental Challenge Competition

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### **Invitation to PNWIS 2004**

**Scott A. Freeburn**  
**PNWIS 2004 Conference Chair**

I want to personally invite you to join me in Portland for an outstanding 44th Annual Meeting. This unparalleled event offers you the complete spectrum of learning opportunities and fun activities in a beautiful city. The theme for this year's conference is Lewis and Clark: Following the Corps of Discovery

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### **PNWIS Annual Awards Nominations**

**Submitted by Angela Hansen**

**It's time to nominate your colleagues for the Pacific Northwest International Section (PNWIS) of the Air and Waste Management Association (A&WMA) annual awards!**

If you know an individual or organization deserving recognition for their accomplishments in the air and waste management fields, nominate them now to receive one of the following awards at the PNWIS annual meeting:

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### **The New Environmental Challenge Competition is Ready**

**Dave Dornbush**  
**Environmental Challenge Committee Chair**

This is the decade of the student. PNWIS recognizes that students bring vitality to our association and will soon be working with us as professionals. It is our opportunity and responsibility to stimulate and sustain networks with university communities

As such, PNWIS developed a new Environmental Challenge competition for university students to work on prior to the PNWIS 2004 annual conference. The challenge problem will mirror the conference theme and emphasize "integration of our environmental heritage with our economic future". Student teams will develop proposals, addressing the specified environmental issues, and submit them on the first day of the conference (November 3-5 in Portland, Oregon). During the conference, they will fine-tune their solution based on additional information they gather. On the final morning of the conference, teams will deliver short presentations and overall results will be judged. The EC competition prizes - \$1,500 for First, \$1,000 for Second, \$500 for Third, and \$100 participation awards for additional teams - will be announced during the Awards Luncheon at the conclusion of the conference.

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## **PRESIDENT'S COLUMN**

I'm very excited about one of the premier conferences for environmental professionals, the upcoming PNWIS 2004 hosted in Portland, Oregon. The 2004 PNWIS annual conference committee led by Scott Freeborn, Dave Einolf, and Kathi Futornick have put together a top-quality technical program. The conference focuses on technical issues that are very valuable for professional development and to keep up with new environmental technologies and issues. Another important feature is the opportunity to network with experts, regulators, managers, scientists, engineers, consultants, manufacturers, equipment vendors, and some young students, an experience that is rewarding in more ways than one.

The willingness of the attendees to share their knowledge and to be involved in various conference activities is what makes these conferences successful. In my personal experience, this is one of the best and fun groups of environmental professionals to be with.

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*“Contributions, small or large, from our members are what make this one of the best environmental professional organizations.”*

I am very proud to be part of the PNWIS group. Contributions, small or large, from our members is what makes this one of the best environmental professional organizations. Many of you will be attending the conference or have attended other PNWIS events presenting papers, chairing sessions, and exhibiting products or services. In all regards, we are a community sharing together with one another. It is critical to understand that only with your presence, involvement, contribution, and commitment can we make this organization grow and be a neutral forum for technology exchange, professional development, networking opportunities, public education, outreach events, and student activities. Each of you brings your own unique experience and expertise to offer.

This organization is about you, the member. Make the most of opportunities to network, mentor a college student, meet new colleagues, and develop leadership skills. We like to hear from you as to what we can do differently to improve the services to our members. I hope to see you at the conference, if not then, we would like to see you at our future events.

**Kumar Ganesan,  
PNWIS President**

## Special Thanks to Jay Willenberg and Mike Ruby

The PNWIS Board would like to acknowledge the efforts of two of our outstanding members,

**Jay Willenberg, CH2M Hill,**  
and  
**Mike Ruby, Envirometrics.**

Putting on a technical conference is no easy job, especially when you're working with an all volunteer staff. Yet we held two highly successful PNWIS specialty workshops in 2004. Much of this success can be attributed to the leadership of the conference chair:

Jay Willenberg chaired the "West Coast Region Conference on Marine Port Air Quality Impacts" in April. PNWIS coordinated with A&WMA's West Coast and Golden West Sections to present this conference.

Mike Ruby chaired a conference titled "Managing Greenhouse Gas Emissions: Regulations, Economics, and Tools for Management" in June.

Both of these conferences are highlighted in articles in this newsletter. Many thanks to Jay and Mike for the significant amount of time and effort they put into making these conferences a success!

## PNWIS Education and Outreach

### Submitted by Bev Williams

The PNWIS Education and Outreach Committee is going strong! We have been up to exciting new projects and promoting stimulating new environmental education and outreach tools. This year, PNWIS has set funds aside for the following projects:

- Vancouver Island Chapter's project is to use the ERG to develop a series of guest lectures for school-aged children. The Chapter's goal is to obtain approval from the district to conduct these lectures in area schools and then have the ERG's donated to school libraries. Good luck Vancouver Island!
- PNWIS will purchase a *Passion for Action* interactive display that is a hands-on learning tool about our environment. The display is adaptable to a number of customized modules, with each module focusing on a different topic - global warming, water quality and air quality. As soon as the modules complete beta testing, PNWIS will be purchasing this display along with the global warming and air quality modules for use in local chapters.
- The NWAPA's newly developed Global Warming board game -- "**Choices – You make the difference**" -- is so exciting that PNWIS has funded a project to have the game reproduced for each of the local chapters. PNWIS is also funding the development of supplemental information materials to accompany the game so anyone wanting to play the game will have a better understanding of the issues. The games and supplemental materials will be available for distribution by the first of the year.
- PNWIS is continuing our education and outreach activities through ERG teacher training and outreach projects throughout Oregon, Montana, Washington and Alaska!

*"We have been up to exciting new projects and promoting stimulating new environmental education and outreach tools."*

PNWIS Education and Outreach Committee members want to invite you to stop by our booth at the 2004 PNWIS Annual Meeting in Portland or contact Beverley Williams, PNWIS Education and Outreach Committee Chair, at (907) 269-7574 to find out more. We encourage more member and local chapter involvement!

## **PNWIS 2004 Conference** continued from Page 1

### **Technical Sessions and Pre-conference Workshops:**

Just take a look through the 24 high quality technical sessions and you'll see that *Dave Einolf and Kathi Futornick* have assembled an outstanding program:

- Pre-conference workshops that focuses on Compliance Planning
- An outstanding Plenary Session addressing the environmental and economic trade-offs of Oregon Measure 34, a potentially precedent-setting initiative which would prescribe the management of the state-owned Tillamook and Clackamas Forests
- Keynote speaker Stephenie Ambrose Tubbs, author and daughter of historian Stephen Ambrose, will recall the Corps of Discovery and its impact on the opening of the Pacific Northwest.
- A technical program with interesting focus sessions on NSR, TMDLs, oversight of regulators, and business and environmental ethics
- Tour of Portland's Big Pipe CSO Project

### **Networking and Social Opportunities:**

Opening Reception in the Exhibit area  
Thursday night gala banquet at the outstanding Crown Room

### **Manufacturers' and Consultants' Exhibits and Displays:**

More than 20 exhibitors featuring equipment and services; and  
A welcoming reception on Wednesday evening after the Keynote

### **Environmental Challenge:**

The third annual Environmental Challenge university student team competition challenging today's environmental students to solve a real-world problem for cash prizes.

### **Come and join us in beautiful Portland, Oregon.**

There will be excellent training, technical papers, great opportunities to meet friends, excellent vendor exhibits and an exciting keynote presentation by author Stephenie Ambrose Tubbs. Consider taking some time to experience the PNWIS annual meeting in a truly great hotel. Take a look and you'll see plenty of reasons to make this your priority conference this fall.

Hope to see you there.

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## **PNWIS Award Nominations** - continued from Page 1

### **Robert Stockman Distinguished Achievement Award**

This award is presented annually in recognition of an outstanding contribution to air quality management in the PNWIS region and for a long-standing contribution to PNWIS. The award is presented in the name of Robert Stockman, one of the leading air pollution control pioneers in the Pacific Northwest.

### **Environmental Achievement Award**

This award is presented to organizations that have used innovative techniques to reduce or prevent air pollution or waste.

### **Media Award**

This award is presented to a representative from the media who consistently presents accurate, balanced and in-depth information on the environment. The media representative must be from the PNWIS region.

### **“Hawkeye” Award**

This award is presented to an inspector, permit engineer, or internal auditor who diligently enforces regulations in the PNWIS region. These “hawkeyes” are trained agency inspectors, industrial auditors, environmental activists, or others who take a “front line” approach to regulatory compliance.

### **Hard Hat Award**

This award is presented to a source tester or engineer who has worked to advance source sampling technology.

### **Lab Coat Award**

This award is presented to an individual who has contributed to laboratory and ambient sampling technology.

### **PNWIS/A&WMA Executive Committee Award**

This award is presented to recognize persons who have gone beyond the call of duty in their volunteer work for PNWIS.

### **Excellence in Presentation Award**

This award is presented for the best presentation at the annual meeting.

### **Student Paper Awards**

Students are given cash awards from our Fred Gray Scholarship Fund for outstanding presentations at the annual meeting. Students are evaluated on technical content, visual aids, and presentation skills.

### **Certificate of Appreciation/Recognition**

These certificates are presented to individuals, firms, agencies, or other organizations that have made some significant contribution to the fields of air pollution control and waste management or to the volunteer work of PNWIS.

### **Bent Black Banana Award**

This award is presented to some person for some reason! The award is on the “lighter side” and is generally presented for some unusual contribution at the annual meeting. The PNWIS Awards Committee selects the recipient.

Please send nominations with a brief description of why you think the person should be considered for the award to: Angela Hansen, PNWIS Awards Committee Chair, c/o Am Test-Air Quality, LLC, P.O. Box 525, Preston, WA 98050, fax to (425) 222-7849, or e-mail to [angelah@amtestairquality.com](mailto:angelah@amtestairquality.com).

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*“Please send nominations with a brief description of why you think the person should be considered for the award.”*

## West Coast Region Conference on Marine Port Air Quality Impacts a Great Success

With air emissions from marine related activities becoming a major issue in West Coast port cities, PNWIS hosted a West Coast regional conference on the air quality impacts of marine ports. The April conference focused on West Coast ports from the California-Mexico border through Canada and all the way to the North Pole! The interest in this topic was apparent with more than 180 representatives of ports, port users, air regulatory agencies, citizen groups, and consultants in attendance. They discussed air quality trends, various port activities that generate air emissions, regulatory efforts, available emission reduction strategies, and future cooperative strategies. The conference was presented by the three West Coast Sections of A&WMA.

Air emissions from marine operations represent a significant portion of the total air emissions in the major West Coast port cities. The conference examined the regulatory and environmental issues driving concern in the United States and Canada, explored some of the currently available technologies, and highlighted some of the success stories. It not only looked at ship emissions, but also at shore side emissions such as handling equipment, shore power, buses, trucks and rail. The conference had a regional focus because of the complex trans-boundary issues, such as those between the Georgia Basin and Puget Sound, and the regional transportation nature of the subject, with ships going up and down the coast and the inherent competition between ports.

## Managing Greenhouse Gases

PNWIS held a successful conference on Managing Greenhouse Gas Emissions in Seattle in early June. Attendance was “standing room only” with more than 65 present. We chose the slightly small conference location at the Pike Place Market in Seattle in order to have a more enjoyable venue than your standard hotel conference room. We were rewarded with a beautiful day, which most attendees took advantage of by dining out in the Market at lunch.

The day began with a review of the provisions in the Kyoto Protocol and the efforts being made by European countries, Japan and Canada. That was followed by a discussion of current activities by individual states, particularly the West Coast and the Northeast/Mid-Atlantic states. The processes being followed for development of the Northeast/Mid-Atlantic emissions trading program and the Rhode Island greenhouse gases reduction plan were reviewed in detail.

It was true to PNWIS’s mission of being a catalyst for environmental leadership by providing a neutral forum for discussion, education, and networking on technical issues relating to environmental management in the U.S. Pacific Northwest and Western Canada. Not only was it a neutral forum but the conference attracted a broad spectrum of stakeholders and affected parties. Attendees came from the PNWIS area, and from California, Houston, New York, Ottawa, and Washington DC. We even had a speaker from the European Union!

In typical PNWIS fashion, there was a pre-conference cruise in Puget Sound. The Port of Seattle hosted the event and featured some of the Port’s environmental projects. The conference was also a catalyst for several post conference meetings between West Coast port environmental staff and air regulatory agencies, meeting both separately and together. The result is a continuing dialog about this important issue with a much anticipated A&WMA sponsored follow-up conference next year in the Bay Area.

Although PNWIS hosted the conference, it was a cooperative effort of many and co-presented by the Golden West and West Coast Sections of A&WMA, with all sections actively participating with the planning and presentation of the conference and sharing in the revenue. As a result, about one third of the attendees came from California.

For more information about the conference, please see our website, [www.pnwis.org](http://www.pnwis.org).

In a rather startling discussion the existing opportunities for energy efficiency and the success of programs at local companies and at manufacturing facilities in California, which have resulted in or are expected to yield surprisingly substantial greenhouse gas reductions, were described. Other companies described their efforts to develop and implement greenhouse gas reduction plans which are more broad-ranging than the initial energy efficiency programs.

The conference concluded with a discussion of greenhouse gas emission inventories, including a detailed description of the completion of an inventory using a standard protocol. The inventories conducted for two local governments were also detailed.

The presentations given at the conference are all available for review on the PNWIS website at [http://www.pnwis.org/2004 Events/GHG/GHG.htm](http://www.pnwis.org/2004%20Events/GHG/GHG.htm)

## Environmental Challenge Competition - Continued from Page 1

Check out the web site below for conference information, registration, and the EC competition.  
[www.pnwis.org/PNWIS2004/default.htm](http://www.pnwis.org/PNWIS2004/default.htm)

In the last two years, numerous sponsors have contributed to the EC fund which now exceeds \$50,000. The PNWIS objective to develop a self-sustaining \$100,000 fund is moving rapidly toward reality. It is now our intention to meet that funding goal by May 2006. EC sponsors will continue to be recognized at [www.pnwis.org](http://www.pnwis.org) (see **E Challenge** in the left column of the web page). In addition, we will list sponsors of recent past annual conferences whose support enabled PNWIS to develop and fund student programs. Individuals and companies are encouraged to be part of EC fund development.

We expect to see a good representation of students in Portland this November. At the PNWIS 2002 and 2003 conferences, over 40 students attended each year. In addition to the Environmental Challenge competition, there will be networking opportunities with other students and professionals from the Northwest and beyond. The PNWIS 2004 Student Registration fee is \$150 which includes all of the events and benefits of full registration - plenary presentations, technical sessions and coffee breaks, luncheons, banquet, exhibitor reception, and the fun run. We are seeking additional sponsors to help defray student travel expenses so they can be part of PNWIS 2004.

Contact me if you have questions, suggestions, or would like to participate.

Dave Dornbush ([david.j.dornbush@boeing.com](mailto:david.j.dornbush@boeing.com), (206)544-0399)

## News from the Vancouver Island Chapter

### Submitted by Andrea Mercer

#### Website

After many months of blood, sweat and tears (okay, maybe no actual blood was shed) the Vancouver Island Chapter has finally gone live with our website. A special thank you goes out to Dan Mahar who was instrumental in making this happen for our Chapter! Lots of great information can now be accessed from our site, including upcoming luncheons, past conference proceedings, past Chapter Chairs and much, much more. Please feel free to see what we are up to on the Island at:  
[http://www.pnwis.org/Ch\\_VI/default.htm](http://www.pnwis.org/Ch_VI/default.htm)

#### Membership Update

Many folks on Vancouver Island have taken advantage of the special

membership offer of \$100.00 CDN to join A&WMA. In May of 2004, the Chapter ceased to offer the local Associate Membership option, which may have also had an effect on the number of new A&WMA Members. As of October, 2004 Vancouver Island has 30 International Members, a significant increase from last year! And it sounds like there are some more folks out there who are last minute shoppers, and are waiting until December to join!

#### Specialty Conference

The planning for the Vancouver Island Chapter's Specialty Conference for 2005 is well underway. The conference will held on February 17th, 2005 (okay, not quite spring) at the Chiefs and Petty Officers Mess at CFB Esquimalt, and will be on the topic of Sustainable Practices in the Marine Environment.

Details will be posted to the Chapter website as they become available.

[http://www.pnwis.org/Ch\\_VI/annual\\_conference.htm](http://www.pnwis.org/Ch_VI/annual_conference.htm)

The complete proceedings from our very successful conference in 2003 on Adapting to Climate Change in the Pacific Northwest are also posted to the website at:  
[http://www.pnwis.org/Ch\\_VI/Climate%20change%20proceedings%20--%20mar28b.pdf](http://www.pnwis.org/Ch_VI/Climate%20change%20proceedings%20--%20mar28b.pdf)

## **Idaho Governor Names Toni Hardesty to Head Idaho DEQ**

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**Submitted by Zach Klotovich**

**Air and Waste  
Management  
Association**

**Pacific  
Northwest  
International  
Section**

**Electronic  
Newsletter #5**

**October 2004**

(BOISE) Governor Dirk Kempthorne today (July 6, 2004) named Toni Hardesty of Boise as Director of the Idaho Department of Environmental Quality (DEQ), replacing Steve Allred, who retired June 30.

Hardesty currently heads the DEQ's Water Quality Program, and also has experience both in the private sector, and at the federal level with the Environmental Protection Agency.

"Toni has proven herself a very capable manager, with an outstanding technical background," Gov. Kempthorne said. "She's extremely professional and has the ability to reach out to all Idahoans on some difficult regulatory issues. She's able to translate 'tech-speak' into plain English and make complex environmental issues understandable to both the regulated community and Idahoans interested in a better environment.

"She has dealt with some of the toughest air and water quality issues facing Idaho. Toni has worked on some of the most difficult TMDL (Total Maximum Daily Loads) cases we currently have pending," Kempthorne added.

A Kimberly native, Hardesty is a graduate of Boise State University with a degree in Environmental Health. Prior to working for DEQ, she was branch manager and a project manager for URS Corporation in the northwest. She interned in the Idaho Air Quality Bureau in 1987-88, and was an Environmental Protection Specialist for the U.S. Environmental Protection Agency in Seattle.

From: [http://www2.state.id.us/gov/mediacenter/press/pr04/prjul04/Pr\\_068.htm](http://www2.state.id.us/gov/mediacenter/press/pr04/prjul04/Pr_068.htm)

The Idaho Chapter hosted Director Hardesty for a dinnertime speaking engagement on August 11, 2004, that was well attended. Director Hardesty talked about how most of the "low-hanging fruit" regarding air emissions is now well regulated and that future efforts to maintain or improve air quality will require more collaboration and innovation rather than traditional command and control permitting.

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**We're on the Web!**

*See us at:*

**[www.pnwis.org](http://www.pnwis.org)**

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This is the fifth edition of the electronic PNWIS Newsletter. The goal of the Board is to release it electronically to the membership every few months to let you know what's going on across our Section. We are also interested in including articles from Members, Chapter Boards and others. Please submit your articles to Chris Robins by e-mail to [crobins@crd.bc.ca](mailto:crobins@crd.bc.ca). Submissions will be reviewed by the PNWIS Newsletter Editorial Board made up of Terry Nyman and Angela Hansen. Thanks to Sheila Brown for formatting and Dan Mahar for looking after distribution. Dan is also instrumental in maintaining the PNWIS web site at [www.pnwis.org](http://www.pnwis.org). Please take a few minutes to visit the site.

PNWIS is looking for sponsors of this newsletter. If you would like to be a sponsor and have your company logo displayed in the newsletter, please contact Chris Robins by e-mail.

**Chris Robins  
Newsletter Committee**