



## **Air & Waste Management Association Pacific Northwest International Section Electronic Newsletter #7, October 2005**

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- PNWIS Annual Conference

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### **45<sup>th</sup> Annual PNWIS Conference - By Agata McIntyre (Puget Sound Chapter chair) and Dan Mahar (PNWIS conference co-chair)**

**WE WOULD LIKE TO PERSONALLY INVITE  
YOU TO OUR  
45<sup>TH</sup> ANNUAL PNWIS CONFERENCE!**



This year the conference will take place at beautiful Semiahmoo Resort overlooking Semiahmoo Bay and Drayton Harbor, just north of Bellingham, Washington, and just south of White Rock, British Columbia. Semiahmoo offers a unique setting for professionals to share knowledge and discuss environmental issues common to Canada and the United States. The conference will start on Wednesday Nov. 9 and end on Friday Nov. 11. Tuesday, Nov. 8, PNWIS will also host a one-day professional development course titled "Greenhouse Gas Mitigation – Practices & Prospects".

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### **PNWIS Annual Awards Nominations**

**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:

#### **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.

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## PRESIDENT'S COLUMN



In May, I accepted leadership of the PNWIS Board from Kumar Ganesan and with it a great legacy and momentum. The Board has been working on several initiatives to increase effectiveness and provide more support to educational programs - professional, university, K-12, and community outreach. There has been a lot going on. Three excellent one-day tech conferences merged section and chapter support with excellent results: The Stack Testing event in Boise (May) and two Ultra Low Sulfur Diesel conferences (Seattle and Anchorage; September) were informative and well-attended. Numerous chapter events have added to the spectrum of available learning opportunities. And, several of us participated in the international A&WMA annual conference in Minneapolis.

I'm looking forward to PNWIS 2005 (November in Semiahmoo, Washington) which will be the first truly international, cross-boundary PNWIS annual conference in recent history. Dan Mahar and Ken Stubbs, conference co-chairs, are putting together an excellent overall program, assisted by a planning committee comprised of energetic and innovative participants from the Puget Sound and BC/Yukon Chapters. The Technical Program is already well formed and organized by technical co-chairs Terry Nyman and Andrew Green. The technical sessions are being tailored to be useful and interesting to both Canadian and US conference delegates. Early registration numbers are well ahead of previous conferences and resort rooms are going fast. PNWIS conferences are known regionally and nationally for quality, value, and networking. As a result this annual conference draws delegates from the Northwest and beyond. Don't miss it!

The Environmental Challenge Competition, introduced at PNWIS 2002, is well into its fourth season. The EC is now a PNWIS legacy program, integral to each annual conference, and anticipated each year by students all over the Northwest. We have planned a challenging and fun EC competition for PNWIS 2005.

The key to PNWIS excellence is you: the member, the volunteer, the Environmental Challenge team participant, the speaker, the sponsor. Participation is a great combination of opportunity and contribution. We invite you to volunteer for and/or attend one or more of the PNWIS section or chapter workshops, conferences, or social events each year. See [www.pnwis.org](http://www.pnwis.org) for upcoming events. We are always open to new ideas and suggestions. Our Board and committee members seek to integrate three important values in every PNWIS event: technical excellence, participation opportunities, and memorable experiences. And, we encourage members to extend environmental stewardship to their communities, as well. Thanks for being part of the solution!

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*“The key to PNWIS excellence is you: the member, the volunteer, the Environmental Challenge team participant, the speaker, the sponsor.”*

Dave Dornbush  
**PNWIS President**

## **Upcoming Conferences – submitted by Steve Hart Past President, A&WMA**

The A&WMA Board of Directors at its recent meeting made important decisions concerning the future conferences which have special significance for Canada.

Firstly, the 2010 A&WMA Annual Conference (ACE) will be held in June 2010 in Calgary. This is the first time that Calgary has been honoured with the ACE. The Canadian Prairie and Northern Section (CPANS) of A&WMA will be the host for this Conference. A Steering Committee has already been established under the Chairmanship of Joe Lukacs, a past Vice-President of A&WMA.

Also in 2010 the International Union of Air Pollution Prevention and Environmental Protection Associations (IUAPPA) will be holding its triennial

World Clean Air Congress in Vancouver. IUAPPA is made up of National Air Pollution Control and Environmental Associations from over 40 countries. A&WMA was one of the founding members of IUAPPA. This Conference aims at encouraging the participation of speakers from developing countries and countries with economies in transition, as well as developed countries.

The B.C. and Yukon Chapter of PNWIS will be the host for this Conference and they are already starting to set up a planning committee. The B.C. and Yukon Chapter is looking towards all of PNWIS to "pitch in" and help organize the Conference.

## **“Where’s A&WMA” Traveling Trophy Tours PNWIS Submitted by Jim Pfeiffer**

The “Where’s A&WMA” Traveling Trophy made appearances at the PNWIS Ultra Low Sulfur Diesel workshops in Seattle and Anchorage held September 15 and 16, respectively. The Sections and Chapters Council of the Association unveiled the trophy at the 2005 Annual Conference and Exhibition (ACE) in Minneapolis as a way of celebrating the many events/activities delivered by the Sections and Chapters of A&WMA. The intent is for the trophy to travel to as many Section and Chapter events as possible in the next two years, leading up to the celebration of the 100<sup>th</sup> anniversary of the Association 2007 ACE to be held in Pittsburgh. It is also hoped the trophy and the 2006 ACE will travel to New Orleans-stay tuned!

Prior to coming to the PNWIS workshops, the trophy was the guest of honor at numerous 2005 ACE events, as well as later events held by the Gulf Coast Chapter, the Indiana Chapter and the Southern Section. The trophy will soon be headed to the Mexico-US Bi-National Waste Conference in October, but is expected back in



In Anchorage, L-R: Jim Pfeiffer, Anne-Christine Aycaguer Yelena Saville, JR Wilcox, Alfred Bohn, Marta Czarnecki and John Pavitt  
PNWIS-land for our annual conference in November. But it is not “all work and no play” for the trophy—having put in long days at the two ULSD workshops, the trophy was later seen basking on the shores of the North Pacific at Seward, Alaska before making its way to the shores of the South Arctic Ocean at Prudhoe Bay where there was no basking, but maybe a little shivering!

## The EC 2005 Student Competition– by Kumar Ganesan

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

As such, PNWIS continues to host the annual Environmental Challenge competition. The new challenge problem, for university students to work on prior to the PNWIS 2005 annual conference, should be on the web site now. The problem will mirror the conference theme and emphasize “international perspectives on environmental management”. Since this conference will be hosted by the B.C./Yukon and Puget Sound chapters, the EC 2005 challenge will take on a cross-boundary tone. Student teams will register, develop proposals - addressing environmental issues specified in the problem, and submit them on the first day of the conference (November 9-11 at Semiahmoo, Washington). During the conference, they will fine-tune their solution in response to new information they receive at the conference.

On the final morning of the conference, teams will deliver short presentations and overall results will be judged. The EC competition prizes totaling \$4,000 will be awarded to the top ten teams. The winners will be announced during the Awards Luncheon at the conclusion of the conference.

Check out the web site below for conference information, registration, and the EC competition.

[www.pnwis.org/PNWIS2005/default.htm](http://www.pnwis.org/PNWIS2005/default.htm)

In the last few years, numerous sponsors have contributed to the EC fund which now exceeded \$70,000. The PNWIS objective to develop a self-sustaining fund is moving rapidly toward reality. EC fund and prize 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). Individuals and companies are encouraged to be part of The EC Program. Quite a number of our past and present PNWIS Board members are EC fund sponsors.

We expect to see a good representation of students, from all over the Northwest (Canada and U.S.), at Semiahmoo this November. At our 2002-2004 annual conferences, over 30 students attended each year and participated in EC competitions. In addition to The EC, there will be numerous networking opportunities with other students and professionals from the Northwest and beyond.

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

Kumar Ganesan ([kganesan@mtech.edu](mailto:kganesan@mtech.edu),  
(406-496-4239)

Environmental Challenge Committee Chair

## PNWIS Annual Award Nominations - - Continued from Page 1

### “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.

## **PNWIS Annual Award Nominations - - Continued from Page 4**

### **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 by **October 15, 2005** 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).

## **45<sup>th</sup> Annual PNWIS Conference - continued from Page 1**

**A Few Details About the Conference.** (see [www.pnwis.org](http://www.pnwis.org) for additional information)

### **Pre-conference professional development course (Tuesday, Nov. 8):**

The one-day professional development course on greenhouse gas mitigation is being taught by Michael Asford, Deputy Director of The Climate Trust. Michael is an economist and project analyst with 14 years' experience working for private, public, and non-profit enterprises. The course will introduce and review the basic elements of greenhouse gas mitigation through a review of the processes, tools, criteria, and requirements associated with evaluating offset projects.

### **Conference Technical Sessions (Wed. Nov. 9 – Friday Nov. 11):**

We have a very action packed program, including 4 concurrent lines of presentations!

Papers will be presented in the following focus areas: toxics impacts to air; air emission measurements, monitoring, and modeling; sustainability; air management (trans-boundary collaboration); airport air quality; visibility; Title V issues; changes in environmental regulations; assessment/remediation; air quality studies; marine vessel emissions; climate change; system wide wet environments impact analyses; environmental forensics; indoor air; and the student environmental challenge.

### **Industry Tours (Wednesday Nov. 9)**

Lafarge Cement Plant (Richmond, B.C.)  
Tanaska Cogeneration Station (Ferndale, WA)

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

Exhibitor's Cocktail Reception (Wed. Nov. 9)  
Gala Banquet – including a live band (Thursday Nov. 10)  
President's luncheon (Thursday Nov. 10)  
Awards Luncheon (Friday Nov. 11)  
Golf on Semiahmoo's World Class Golf Course  
Fun Walk/Run (just to get the blood moving!)

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

More than 25 exhibitors featuring equipment and services

### **Environmental Challenge:**

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

Hope to see you there!

## Jim Pfeiffer Elected to A&WMA Board – by Dave Dombush, PNWIS President

Jim was elected to the Air & Waste Management Association Board of Directors and will serve a three year term beginning in January. Pfeiffer continues a tradition of having a PNWIS member on the A&WMA Board for over 40 years, more than any other Section. The Board of Directors is a diverse group of professionals selected to represent all segments of the environmental industry. The focus of the Board is on strategic planning to assure continued viability of the Association as changes in the professional world present significant challenges in delivering value to the membership.

Jim continues his legacy of participation in PNWIS - A&WMA. He has served as Director, Secretary, Chair, and Treasurer (current) for the Alaska Chapter; and, Director, President, and Environmental Challenge Committee member (current) for PNWIS. In addition, he has been integral to numerous conference organizing committees including the 2005 ULSD Spring Specialty Conference. And, he was on the A&WMA 2001 Nominations Committee. Jim was awarded the PNWIS Robert Stockman Distinguished Achievement Award in 2003.

Jim got his degree in Environmental Studies/Biology and, a decade later, a complementary MBA. He is also a Qualified Environmental Professional (QEP) by the Institute of Professional Environmental Practice (IPEP). Jim works for BP Exploration in Anchorage and is responsible for air quality permitting and compliance for 20 Alaskan facilities. Jim was integral to the development of the BP Environmental Management System and monitors environmental performance of Alaskan sites consistent with the BP worldwide "green" agenda.



Prior to joining BP, Jim spent 20 years in the electric utility industry in the Ohio Valley and then in Alaska. During this time he had a variety of environmental and safety responsibilities to develop and manage company programs including a process/environmental laboratory, a Superfund site clean-up, and a combustion turbine control system. Prior to this, Jim participated in biological monitoring programs, associated with the Clean Water Act, at steam power plants in Illinois, Texas, and the Ohio River Valley.

Congratulations to Jim and thanks for maintaining PNWIS visibility on the A&WMA Board.

## Oregon Chapter News

The Oregon Chapter held its first lunch meeting of the season on September 13, and Bob Bachman of the USDA Forest Service gave a presentation on Cloud Water Deposition in the Columbia River Gorge. Our November lunch meeting will be held at the World Trade Center, Portland, on November 15. Our speaker will be Gail Achterman, Director of the Institute of Natural Resources in Corvallis. The title of her presentation is The Integration of Environmental Systems, and she will be discussing geo-spatial tools and the application of environmental indicators.

We will also be hosting two AWMA Web Conferences this Fall. The first on October 11 will be "NSR Reform: State and Facility Response," and on December 13, "Enforcement Update: A Review of EPA's Progress and Priorities in Environmental Enforcement." Both conferences will be held at the URS Portland Office, 14th Floor, from 11 am - 1 pm. Further details will be available on the Chapter website.

## What's the Puget Sound Chapter Up To?

Well, first off, we just held a very successful PNWIS/Chapter joint specialty conference titled: "Ultra Low Sulfur Diesel – Staying Alive After 2005". The conference took place in Seattle on September 15<sup>th</sup> (hosted by Puget Sound Chapter) and in Anchorage (hosted by Alaska Chapter) on September 16<sup>th</sup>. We had 96 (yes 96!) attendees at the Seattle conference, and received very positive feedback from everyone involved. Powerpoint presentations from the conference are available on the PNWIS website at [www.pnwis.org](http://www.pnwis.org). The following photos were taken at the conference.

The Puget Sound chapter has also hosted a number of lunchtime brownbag events in the last 6 months. These events include a visit to the Renton Wastewater Treatment Plant fuel cell, a presentation about second hand smoke, and a brownbag about starting a Facility Environmental Compliance Auditing Program.

What's coming up for the chapter? Well...

We're looking forward to our annual BBQ, which will be held on the very scenic Marten Law outdoor deck on Sept. 27<sup>th</sup>. We also plan to host an AWMA webcast on EPA's Progress and Priorities in Environmental Enforcement on December 13th. More details will be posted on the chapter website ([www.pnwis.org/Ch\\_PS/PS.htm](http://www.pnwis.org/Ch_PS/PS.htm)) as soon as they become available. And, last but DEFINITELY not least, we're working with the BC and Yukon Chapters to host the PNWIS annual conference to take place at Semiahmoo Resort, near Blaine WA on Nov. 9-11. Hope to see you there!



Paul Machiele, EPA



PNWIS Section/Chapter Board Members at ULSD Conference



Maggie Corbin, Port of Seattle

**Air and Waste  
Management  
Association**

**Pacific  
Northwest  
International  
Section**

**Electronic  
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**We're on the Web!**

*See us at:*

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

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**Student Paper Competitions in Victoria, BC continue to be a  
Success! Submitted by Andrea Mercer, Director, Vancouver Island Chapter**

In 1997, the Vancouver Island Chapter hosted its first Student Paper Competition. One of the reasons I remember that year so well is that I was a member of the winning team in '97! That was my first real exposure to the Air & Waste Management Association, and it is actually somewhat ironic that I am involved with the Chapter today, as our entire team walked out of that competition feeling like we had been ran over by a steam-roller, as the questions posed by the panel of A&WMA judges were very challenging to say the least! We actually had some strong words for "those A&WMA judges" as we celebrated our win over beer and nachos that night at the local pub.

Nine years later, our Chapter is still very involved with annual student paper competitions and now hosts 2 separate competitions for 2 of our local post secondary institutes: Camosun College in June, and Royal Roads University in August.

This year, the first place team from Camosun presented a paper on an Assessment of Tide Pool Biodiversity at Botanical Beach. Members of that team included Grace Stubblefield (who is now actively involved in running our technical luncheon program), Marcie Ambeault, and Shamus Curtis.

The Royal Roads University 1st place team consisted of Nygil Goggins, Rachelle Tersigni, Brad Smith, Jean Jang, and Aaron Enquist, who presented their paper on an Environmental Audit and Five Year Sustainability plan for Glenairley Centre for Earth and Spirit.

Both teams walked away with a \$250.00 cheque, and an offer of a one-year student membership for each team member to the Air & Waste Management Association (and hopefully not too many cruel words for the panel of judges).

On that note, a big thanks goes out to, Michael Bodman (BC Ferries/Chapter Secretary), Danielle Smith (Department of National Defence (Formation Environment)/Chapter Director), Melissa Szybel (Public Works and Government Services Canada (Esquimalt Graving Dock/Chapter Director), and Alison Eagle (University of Victoria) for coming forward to assist with judging both competitions.

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**The Electronic Newsletter**

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This is the seventh 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**