



**Air & Waste Management Association
Pacific Northwest International Section
Electronic Newsletter #8, Spring 2006**

**Special Interest
Articles:**

- PNWIS Annual Award Winners
- PNWIS 2005 annual Conference at Semiahmoo



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PNWIS to Host 2008 A&WMA Annual Conference and Exhibition (ACE)! - Submitted by Angela Hansen

PNWIS is proud to announce that we have been selected as the Local Host Committee (LHC) for the 2008 Air & Waste Management Association (A&WMA) Annual Conference & Exhibition (ACE) June 24-28, 2008 in Portland, Oregon. The ACE has not been held in the PNWIS region since the 1991 meeting in Vancouver, B.C. This is a great honor for PNWIS and our dedicated volunteers. The LHC is ready to begin the extensive planning process. So far we have commitments for the roles of Conference Chair (Angela Hansen), Conference Vice Chair (Dave Dornbush), Technical Program Vice Chair (Dave Einolf), Portland Liaison to Conference Chairs (Scott Freeburn), and Environmentally Friendly Committee Chair (Kim Marcus). The core committee has been approved by the A&WMA board and now we need help from other committed PNWIS members to join our team to help in the conference planning.

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**PNWIS 2005 Annual Conference at Semiahmoo
— submitted by Dan Mahar, General Conference Co-Chair**

The Pacific Northwest International Section (PNWIS) of the Air & Waste Management Association (A&WMA) hosted their 45th Annual Technical Conference last November 8-11, at Semiahmoo Resort in Blaine, Washington. The theme of PNWIS 2005 was "International Perspectives on Environmental Management" with the goal of stimulating interaction between our Canadian and US delegates. We learned from each others experiences and ideas as over 270 delegates attended the conference and participated in its numerous technical and social events.

On Tuesday, November 8, Michael Ashford with The Climate Trust presented an all-day professional development course entitled "Greenhouse Gas Mitigation: Practices and Prospects". Forty people attended the course and learned about the legal and business aspects of acquiring creditable GHG emission reductions.

On Wednesday, November 9, the conference officially opened after morning industry tours and the Annual General Meeting of the PNWIS Board of Directors. The tours included the Tenaska Cogeneration Plant in WA and the Lafarge Cement Plant in BC. In the afternoon, the conference opened with introductions by our co-chairs Dan Mahar and Ken Stubbs, followed by our Keynote speakers Nola-Kate Seymour and Alice Soulek.

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PRESIDENT’S COLUMN

Thank you for being part of PNWIS-A&WMA as another successful year unfolds. We seek to provide *Technical Excellence, Participation Opportunities, and Memorable Experiences* in all of our programs and events.

The PNWIS 2005 Annual Conference (at Semiahmoo), was a great success and continued our legacy of excellence. Thanks to Dan Mahar, Ken Stubbs, and the entire Puget Sound and BC/Yukon chapter volunteers for providing this great learning/networking experience. The Environmental Challenge student competition was, as usual, an important part of this annual conference. And, we were honored to have A&WMA President, Edith Ardiente, along with the President-Elect, Peter Hess, participate in the program and the fun.

The key to creating PNWIS value is participation; an opportunity for each of us to contribute to our community and region. Collectively, we have significant knowledge, experience, and resources to effectively sustain an evolving PNWIS network. As such, with volunteer and sponsorship support, we can continue to provide programs to meet the changing needs of the membership.

“The key to creating PNWIS value is participation; an opportunity for each of us to contribute to our community and region. Collectively, we have significant knowledge, experience, and resources to effectively sustain an evolving PNWIS network.”

In addition to the evolving Environmental Challenge competition, we continue to enhance all of our education and community outreach programs. And, we'll offer specialty conferences in one or more NW locations this year. Last year, the Stack Testing (Boise) and Ultra Low Sulfur Diesel (Anchorage, Seattle) conferences provided important information and were well attended. All of these programs support our Mission Statement and stimulate regional participation.

PNWIS continues its strong, positive connection with A&WMA including the tradition of having a member on the Board of Directors for the last four decades - more than any other section. Scott Freeburn just concluded three years of service as Jim Pfeiffer began his term. Jay Willenberg continues to represent us on the Sections & Chapters Council. These leaders have long been involved in chapter, section, and international boards and committees.

In addition, Angie Hansen and I have been selected to serve as Chair and Vice-Chair for the A&WMA Annual Conference and Exhibition (ACE 2008) to be hosted by PNWIS in Portland, Oregon. PNWIS will also continue to host regional annual conferences each fall - Victoria (2006), Boise (2007), and Vancouver (2008).

I continue to enjoy and learn from my role as President. Your support and participation contributes significantly to the continuing success of all the PNWIS programs. Thank you!

**David Dornbush
PNWIS President**

PNWIS 2005 Annual Conference at Semiahmoo

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The Keynote speakers gave us new insights on solving environmental challenges including how long range planning changes our perspectives.

We rounded off the day with a number of technical presentations followed by a fun run to the end of Semiahmoo spit. Those that survived the run were able to indulge in the Exhibitor’s Reception that evening. This mini feast was hosted by the 27 conference exhibitors which engaged delegates with their interesting booths and open hospitality. Our photographer, Laurie Bates-Frymel, took advantage of the reception to snap shots of chapter representatives with our distinguished A&WMA President and the 100th anniversary trophy for A&WMA.

On Thursday, November 10, we got serious about our technical program as 57 of the conference’s 90 technical presentations and panels were held on this day. Topics ranged from “Sustainability” to “The Changing Business of Environmental Regulation” to “Transboundary Collaboration in Air Management”. Steve Mrazek won the Excellence in Presentation award for “Triumphs and Tribulations at Portland International Airport” and Jorge Jimenez won the Excellence in Student Paper award for his presentation on “Effects of Semi-volatile Organic Compounds on the Optical Absorption of Black Carbon Aerosol”.

There was a nice mid-day break for the President’s Luncheon where we heard inspirational talks from our A&WMA President, Edith Ardiente and PNWIS President, Dave Dornbush. After a full days agenda we mustered up our remaining energy and headed out to the Loomis Trail Clubhouse where, following an excellent seafood buffet, we danced the evening away to the now legendary band, the Motown Cruisers. For those that still have a lampshade from the event, please return it promptly to the resort.

On Friday, November 11, we continued with more technical presentations, concurrent with the student Environmental Challenge (EC). Five university teams competed in the EC, presenting their solutions to manage an aging coal fired power plant in China. Huxley team, Four Corner Consulting, won the competition against their foremost rivals from Montana Tech, which clinched the second and third place. Rumor has it that there will be some new Canadian EC teams next year to give them all a run for the prize money. The conference concluded with the Awards Luncheon in the Pierside Restaurant where Angie and Melissa did their best to charm, honor and humble our distinguished guests.

I’d like thank our PNWIS 2005 sponsors, especially the Port of Seattle, URS Corporation, The Boeing Company and

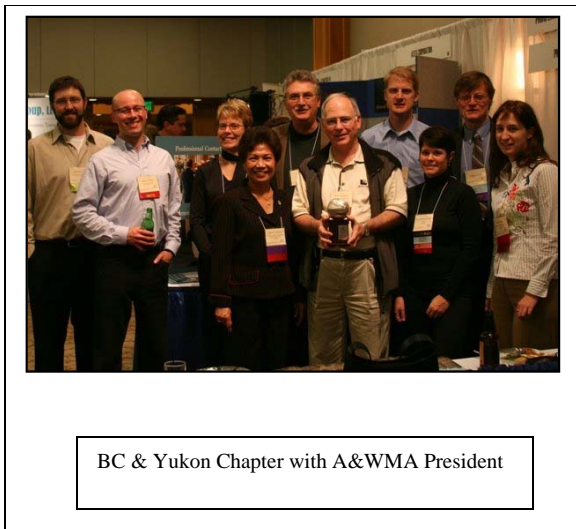


PNWIS 2005 Annual Conference at Semiahmoo

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Lafarge of North America for their support. I'd also like to thank our planning committee, which was a collaboration of folks from the BC & Yukon and the Puget Sound chapters, for their personal dedication in making this conference a wonderful success.

The PNWIS annual conferences are organized by our members, for our members. They are widely recognized in the environmental community for their excellence in professional networking and technical education. In December, we handed off the torch to our friends at the Vancouver Island chapter, and I know that they will do a great job organizing another memorable conference. We look forward to seeing you all at PNWIS 2006 in Victoria next fall.



New Board Elected for the BC/Yukon Chapter – submitted by Bob Humphries, Levelton Consultants Ltd.

- Chair:Ken Reid of the GVRD
- Vice-Chair/Chair-Elect:.....Dan Hrebenyk SENES Consultants Ltd.
- Past-Chair:Bob Humphries of Levelton Consultants Ltd.
- Treasurer:Gordon Esplin of Genesis Engineering, Inc.
- Secretary:Kathy Preston of RWDI Air Inc.
- Director:Elia Sterling of Theodor Sterling Associates
- Director Communication:Laurie Bates-Frymel of the GVRD
- Director Responsible for Chapter Activities in Nelson, BC:Julia Roberts of Dillon Consulting Limited
- Director Responsible for Student Affairs:Joffre Berry of BCIT

The new position of Director for Chapter activities in Nelson BC was developed after Julia Roberts expressed an interest in opening a "sub-chapter" in Nelson. After conferring with those who know how the AWMA works we decided to have Julia elected to the Board and then she could participate in Board meetings via conference call. She would organize meetings in Nelson as part of the BC/Yukon Chapter. If all this works out well the BC/Yukon Chapter will be able to claim twice as many meetings as last year - look out Moby.

PNWIS to Host 2008 A&WMA Annual Conference and Exhibition (ACE)

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If you are interested in volunteering, please contact us at our e-mail addresses below. We have many roles to be filled, including

- Exhibitor Liaison
- Entertainment & Decor Committee
- Information/Welcome Center Committee
- Monitors & Volunteers Committee
- Outreach Program Committee
- Protocol Committee
- Media/Publicity Committee
- Social Program Committee
- Sponsorship Committee
- Student Program Committee
- Tours & Transportation Committee

Portland will be a great city to host the conference and the convention facility is first rate. We hope you will participate in the ACE and help us show off what the great Northwest has to offer. Stay tuned to the PNWIS newsletter, the A&WMA web site and A&WMA publications for more information.

Angela Hansen
Conference Chair
angelah@amtestairquality.com

Dave Dornbush
Conference Vice Chair
david.j.dornbush@boeing.com

PUGET SOUND CHAPTER – submitted by Agata McIntyre

What's the Puget Sound chapter up to these days? Well.... We're continuing to hold our monthly board meetings at popular local restaurants (6:30 pm on the last Tuesday of the month - 1st drink is free for all participants.) As far as recent events go, the Chapter hosted a December 13 webcast on EPA's enforcement updates, which was quite popular and well attended by local businesses, consultants, and regulators.

We are currently planning a 1 day workshop called the Environmental Managers Bootcamp. The idea behind the workshop will be to give new Environmental Managers a crash course in what they need to do to perform their jobs successfully. This workshop will have a multimedia focus, which is a slight departure from our mainly "air head" programs. We're very excited about it!

Many of our chapter folks are also still unwinding from their roles at this year's PNWIS annual conference at beautiful Semiahmoo Resort in WA. I know that Dan Mahar will write an entire article about the conference, so I won't steal his thunder here. However, I do want to take a minute to thank everyone who helped make the 2005 annual conference such a huge success. We couldn't have done it without your efforts!

PWNIS 2005 Awards - by Angela Hansen and Melissa McAfee

At the PNWIS 2005 annual meeting in Semiahmoo, Washington in November 2005, PNWIS held its annual awards ceremony. The following were the recipients of this year’s awards:

**Maggie Corbin, Port of Seattle –
Robert Stockman Distinguished Achievement
Award**

Presented annually in recognition of an outstanding contribution to air quality management in the PNWIS region and for a long-standing contribution to PNWIS

**Alan Butler, Puget Sound Clean Air Agency -
PNWIS/A&WMA Executive Committee Award**

Presented to recognize persons who have gone beyond the call of duty in their volunteer work for PNWIS

**Bob Uhrich, Northwest Clean Air Agency -
“Hawkeye” Award**

Presented to an inspector or internal auditor who diligently enforces regulations in the PNWIS region

**Axel Franzmann, Northwest Clean Air Agency -
Hard Hat Award**

Presented to a source tester or engineer who provides air pollution control or waste management through innovative techniques

**Surjit Nizzar, Ambient Air Technician, GVRD
Policy and Planning Department –
Lab Coat Award**

Presented to a person demonstrating accomplishment toward pollution control through ambient air testing or waste analysis

**BP West Coast Products –
Environmental Achievement Award**

Presented to organizations that have used innovative techniques to reduce or prevent air pollution or waste

**RE Sources, Bellingham, Washington –
Media Award**

Presented to a representative from the media who consistently presents accurate, balanced and in-depth information on the environment

**Steve Mrazek, Port of Portland –
Excellence in Presentation**

Presented for the best presentation of a paper or poster at the annual meeting

**Tim Larson, University of Washington,
Maggie Corbin, Port of Seattle,
Naydene Maykut, Retired
Bent Black Banana**

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.

**Dan Mahar, Northwest Clean Air Agency,
Steve Rybolt, Olympic Region Clean Air Agency
Certificates of Appreciation/Recognition**

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

Willenberg-Hansen Chapter Recognition Program

Moby Award Alaska Chapter
Vancouver Island Chapter
Oregon Chapter
Puget Sound Chapter

Eagle Award Montana Tech Student Chapter
Moose Award BC/Yukon Chapter
Idaho Chapter
Also a special mention to the newly formed Huxley College Student Chapter

Student Paper Awards

First Place Jorge Jimenez, WSU
Second Place Ranil Dhammapala, WSU
Third Place Joey Phillips, Montana Tech

If you have ideas for nominees for our 2006 annual meeting in Victoria, BC, please send them to: Melissa MacAfee, PNWIS Awards Committee Chair, c/o Puget Sound Clean Air Agency, 110 Union Street, #500, Seattle, WA 98101-2038 or email to MelissaM@pscleanair.org

OREGON CHAPTER ACTIVITIES - submitted by Philip Allen, AQ Division Oregon DEQ

The Oregon Chapter has continued with its monthly technical lunch program, and in addition has sponsored two AWMA Web Conferences, "NSR Reform: State and Facility Response," in October, and "Enforcement Update: A Review of EPA's Progress and Priorities in Environmental Enforcement," in December. The topic for our February lunch will be "Portland's Levee System vs New Orleans Levees," which will examine how 30 miles of levees and waterways protect over \$16 Billion in real property value.

Our annual State of the State dinner meeting was held on January 24, 2006 during which five speakers gave an overview of 2005 and what to expect in 2006. This year we partnered the event with the Northwest Environmental Business Council (NEBC) and had a large turnout. Our speakers represented a good cross section of interest and included the Association of Oregon Industries (AOI), the Oregon Environmental Council (OEC), Oregon DEQ, SW Clean Air Agency (Vancouver, Washington), and the Washington Department of Ecology.

We have had follow up meetings with the Director and staff of NEBC, and are exploring the possibility of jointly hosting a specialty conference on mercury to be held in May. The scope would include sources and transport, the regulatory framework, and innovative solutions to control and waste management.

THE UNIVERSITY OF MONTANA CHAPTER – submitted by Tony J. Ward, Ph.D.

The University of Montana Chapter is currently in its second school semester of formal monthly meetings. Student interest is increasing in the chapter, with the elected officers actively recruiting potential members at the undergraduate and graduate levels. In addition to the monthly meetings, some excellent seminars have been hosted by the UM Student Chapter, including speakers from local consulting firms and industrial facilities discussing environmental concerns relevant to the northern Rocky Mountains.

HUXLEY STUDENT CHAPTER OF AWMA – submitted by Sandra Brozusky

The Huxley Chapter just wanted to update those curious folks on what we've been up to recently. The fall quarter was busy in preparation for the Student Environmental Challenge at the 45th PNWIS conference. Not only was it a great experience but a success as well! The focus this quarter is recruitment for new membership. We are planning some events for students to inform them about our chapter and A&WMA. Feel free to contact any of our board members by using the information provided below.

Co-Chair: Sandra Brozusky: brusky83@hotmail.com

Co-Chair: Jessica Rinaker: miller24@cc.wvu.edu

Treasurer: Noni Pittenger: pittens@cc.wvu.edu

Secretary: Nate Walker: walkern2@cc.wvu.edu

Events Coordinators: Pete Lenaker: lenakep@cc.wvu.edu , and Stephanie Dressel: stephaniedressel@hotmail.com

EDUCATION/PUBLIC OUTREACH IN OREGON

- submitted by Laurel Peterson, Oregon Chapter - Education/Public Outreach Committee Chair

Education/Public Outreach is back in Oregon! Currently, the Education/Public Outreach Committee is educating the Girls and Boys Scouts about the environment. The Scouts are earning badges by learning how they impact the environment. Want to get involved? Help educate the Scouts? Participate in a Career Day? Have information resources you want to share? Contact Laurel Peterson at lpeterson@horizonengineer.com.

PNWIS/A&WMA Environmental Challenge Awards – submitted by Melissa MacAfee

Here is a listing of our Environmental Challenge Award winners for the last four conferences:

EC 2005 (Semiahmoo, Washington)

First Place (\$1,500) - Four Corner Consulting, Huxley College, Western Washington U. (WWU): Orion Polinsky, Sandra Brozusky, Pete Lenaker, Chad Weldy

Second Place (\$1,000) - International Power Consultants, Montana Tech (MT): Lexie Bianchi, John Cannon, Grant Rodway, Jedidiah Sugalski

Third Place (\$750) - Prospect International, Montana Tech (MT): Anna Carter, Laura Griffis, Mikel Siemens, Narven Osteen

Fourth Place (\$500) - VD Consulting, University of Montana (UM): Varadharajan Kailasam, Daniel Nielsen

Fifth Place (\$250) - Huxley Corps, Huxley College, Western Washington U. (WWU): Nathan Walker, Jamey Stoddard, Sara Pittenger, Adam Weisgerber

EC 2004 (Portland, Oregon)

First Place (\$1,500) - Trailblazing Consultants, Montana Tech (MT): Anna Carter, Grant Rodway, Gregory Mockos, Mikel Siemens, Steve Dent

Second Place (\$1,000) - Cheddar Consulting, Huxley College, Western Washington U. (WWU): Erin Moreland, Orion Polinsky, Steve Rybolt, Patricia Robert, Jillian Martin

Third Place (\$500) - SOLVE, Huxley College, Western Washington U. (WWU): Chris Warner, Becky Rowland, Laura Sellens, Andrew Saunders

Honorable Mention (four way tie, \$200 for each team)

Transplanted Alaska, U. of Alaska-Anchorage (UAA): Kris Hadden, Mila Umanskaya, Tim Stout

Green Engineering, Montana Tech (MT): CJ Fisk, Jenelle Dalton, JR Sugalski, Kelly O'Rourke, Patty Carmicheal

Undaunted Consulting, Montana Tech (MT): Nick Brundin, Rich Labbe, Luke Roberts, Marika Henderson, Lexie Bianchi

Husky Development Group, U. of Washington (UW): Michelle Newman, Lisette Terry

EC 2003 (Alveska, Alaska)

First Place (\$500) - U. of Alaska-Anchorage (UAA):

Jason Kintner, Calvin Sweeney

Second Place (\$300) - U. of Alaska-Anchorage (UAA): Sara Hadden, Edda Mutter, Kris Hadden, Tim Stout

Third Place (three way tie, \$150 for each team)

U. of Washington (UW): Lisette Terry, Michelle Newman

Montana Tech (MT): Stephen Dent, Melody Madden, Sean Everett, Chris Murphy, Kyle Heightcamp

Montana Tech (MT): Jesse Woodward, Levi Jensen, Jason Park, Quintin Woirhaye, Rachel Roskelly

EC 2002 (Tacoma, Washington):

First Place (\$500) - Montana Tech (MT): Trevor Taylor, Greg Kruzich, Andy Schell, Naveen Chennubhotla, Mike Hannigan

Second Place (\$300) - Huxley College, Western Washington U. (WWU): Jill Leonetti, Steve Rybolt, Karl Kruger

Third Place (\$200) - Montana Tech (MT): Stephen Dent, Marika Henderson, Kyle Heitkamp, Bill Henne, Lindsay Guzzo

Vancouver Island Chapter Prepares for PNWIS 2006 submitted by Chris Robins, Technical Program Chair

**Air and Waste
Management
Association**

**Pacific
Northwest
International
Section**

**Electronic
Newsletter #8**

Spring 2006

We're on the Web!

See us at:

www.pnwis.org

The Vancouver Island Chapter will be hosting PNWIS 2006, November 8 to 10, 2006 at the Victoria Conference Centre and the Empress Hotel. The organizing committee is now in full action mode under the direction of Michael Williams, the General Conference Chair. The Conference Committee is working hard to organize an informative, relevant and fun event.

The first call for papers will be coming out soon. If you want further information on the conference, please email Chris Robins at crobins@crd.bc.ca and stay tuned to the PNWIS web site (www.pnwis.org) for periodic conference updates.

As well as the exciting Conference preparation, the Chapter continues with our core activities of monthly luncheons, student paper competitions, a scholarship award and a seasonal social.



The Fairmont Empress Hotel, Victoria, BC

The Electronic Newsletter

This is the eighth edition of the electronic PNWIS Newsletter. The goal of the Board is to release it electronically to the membership twice per year 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. 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. 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