



NWEC: Where Business Meets the Environment

Preliminary Program & Registration Information

**Thank You
to Our Sponsors!**

PLATINUM

**Kirkpatrick & Lockhart Preston
Gates Ellis, LLP**

PSC Environmental Services

Stoel Rives LLP

GOLD

**Ater Wynne LLP /
Environmental Resources
Management (ERM)**

Intel Corporation

SILVER

AMEC Earth & Environmental, Inc.

Davis Wright Tremaine LLP

ENVIRONMENTAL STEWARDSHIP

CH2M Hill

Epson Portland, Inc.

MEDIA

Daily Journal of Commerce

IN-KIND and SCHOLARSHIP

CH2M Hill

Clean Water Services

Red Lion Hotel on the River

TestAmerica



19th Annual Northwest Environmental Conference & Tradeshow

December 6 & 7, 2007

**Red Lion Hotel on the River – Jantzen Beach
Portland, Oregon**

www.nwec.org

The Northwest Environmental Conference is the largest, most comprehensive environmental conference & tradeshow in the Pacific Northwest. NWECC's goal is to provide low-cost environmental management training to a broad range of environmental professionals. This outstanding two-day event is dedicated to improving the environmental performance of Northwest businesses.

The conference format and tradeshow provide a collaborative setting and many opportunities for networking. Speakers from leading industries, environmental agencies, law firms and service providers will bring you up-to date on the latest information.



PROGRAM HIGHLIGHTS

- 30 thought-provoking sessions presented in a range of formats
 - ~ A "101" track that provides basic information to those new to the field or unfamiliar with the topic.
 - ~ A variety of Advanced Classroom Sessions provide information about emerging environmental issues.
 - ~ "Roundtable - Hot Topics" offer an opportunity for interactive discussions about controversial issues.
 - ~ Early Bird Technical sessions offer practical information to those able to "rise" to the occasion. Advance registration required - hot breakfast included.
- Attendees who take alternate transportation or ride their bike to the conference may enter a drawing to win a prize.
- OSHA HAZWOPER Training-8 Hour Refresher on December 5, 2007. *Advance registration and additional fee required.*
- Networking opportunities that allow attendees to discuss the environmental issues affecting their workplace.
- Largest environmental tradeshow in Oregon and Washington.
- Continuing education credits available for Oregon and Washington State Bars, OSBEELS, American Board of Industrial Hygiene and Institute of Hazardous Materials Management.
- Back again this year - a field trip to a local business that demonstrates innovative environmental technologies. Advance registration and additional transportation fee required.

Whether you need a refresher in environmental regulations, or are looking for new ideas for improving environmental performance, you will find it here!

To register on-line please visit the conference website: www.nwec.org

WHO SHOULD ATTEND

Environmental, Health & Safety Staff and Managers; Facility Managers and others responsible for Environmental Management; Environmental and Process Engineers; Environmental Consultants and Attorneys; Governmental and Public Affairs Specialists; Federal, State and Local Environmental Agency Staff; Environmental Educators and Specialists; Environmental Planners; and Public Interest Environmental Professionals.

ALTERNATIVE TRANSPORTATION

Here's how you can minimize your environmental impact while traveling to and from the conference:

RIDESHARE

Register on-line at www.CarpoolMatchNW.org. Click on "One-time trips" and then on NWECC.

PUBLIC TRANSPORTATION

www.trimet.org • www.c-tran.com

LODGING

Red Lion Hotel on the River - Jantzen Beach:
909 North Hayden Island Drive
(same location as previous years)

Rate: \$98 single or double occupancy, plus lodging tax (currently 12.5%)

Hotel Reservations: Phone: 503-283-4466 or 1-800-RED-LION (733-5466) and identify yourself with NWECC to receive this special rate.

On-line reservations: www.redlion.rdl.com - (Hotel Code: 1130NORT)

The hotel provides complimentary shuttle service to and from the Portland International Airport.

PRESENTED BY

Marianne Fitzgerald
Oregon Department of
Environmental Quality

John Ledger
Associated Oregon Industries

Illoba Odum
Washington Department of Ecology
Vancouver Field Office

Robert Grott
Northwest Environmental
Business Council

Sue Moir
Northwest Environmental
Business Council

STEERING COMMITTEE

Jay Asmus
PSC Environmental Services

Heather Bartlett
SLR International Corp

Bonnie Basden
JELD-WEN, inc.

Phillip Bender
Kirkpatrick & Lockhart Preston
Gates Ellis, LLP

Clayton Brown
Clean Water Services

Stephanie Carey
Vestas-American
Wind Technology, Inc.

Mari Chesser
Microchip Technology

Lisa Domenighini
Environmental Science Corp.

Leonard Farr
AMEC Earth & Environmental, Inc.

Tanya Gray
City of Vancouver

Terry Hosaka
Landau Associates

Stephanie Johansen
PCC Structurals Inc.

Mark Leece
CH2M HILL

Doug MacCourt
Ater Wynne LLP

Lu Menghini
ERM

Beverly Pearman
Steel Rives LLP

Jeff Ring
Bateman Seidel Miner Blomgren
Chellis & Gram, P.C.

Jason Smith
Blount OCSG

Scott Stewart
Intel Corporation

Mike Weiby
Integrated Device Technology, Inc.

Judi Younce
UPS

CONFERENCE MANAGEMENT

Conference Solutions

AWARD PRESENTATION & LUNCH

Thursday, December 6, 2007

Sponsored by: PSC Environmental Services

AOI Environmental Excellence Award

Presented by: John Ledger, Associated Oregon Industries

The AOI Environmental Excellence Award is Oregon's most prestigious environmental business award.

The Award goes to an outstanding individual who, throughout his or her career, has demonstrated a dedication to the "Oregon Way" of protecting and enhancing this state's wonderful way of life. The Oregon way is often described as a cooperative, innovative, and personal approach to advancing environmental progress.

LUNCH PROGRAM

Friday, December 7, 2007

Sponsored by: PSC Environmental Services

OPB radio's Live Wire!™ with an environmental twist! Players, specializing in "variety for the ears and vaudeville for the mind." What is Live Wire!, you ask? It's Ellen Degeneres meets Oregon Art Beat with just slightly less dorky dancing. It's Fresh Air meets the Partridge Family without the bus. It's Monty Python meets Charlie Rose, if Charlie Rose had a Klezmer band. It's... look, it's something you'll just have to experience and decide for yourself!"

CONTINUING EDUCATION UNITS/ PROFESSIONAL DEVELOPMENT HOURS

Credits will be applied for from the following organizations:

- American Board of Industrial Hygiene
- Oregon State Bar Association
- Oregon State Board of Examiners for Engineering
- Washington State Bar Association
- Institute of Hazardous Materials Management

HAZWOPER MATERIALS TRAINING SEMINAR

Wednesday, December 5, 2007 - 8:00 am - 5:00 pm

HAZWOPER First Response Operations Level / Refresher 8 Hours

HAZWOPER Refresher 8 Hours will be held in conjunction with the Northwest Environmental Conference. The HAZWOPER training complies with OSHA 29 CFR 1910.120 for responders to releases or potential releases of hazardous substances when part of the initial response to the site is for the purpose of protecting nearby persons, property or the environment. Program highlights include: Hazard Awareness; Toxic Substances; Personal Protective Equipment; Respiratory Protection; Air Monitoring Equipment; Survey and Reconnaissance; Site Control Work Zones; Confinement and Containment; Decontamination; and Practical Exercise.

Questions about HAZWOPER:

Matt Hutchinson - matt.h@lossfree.com or call Succeed Safety & Health, Inc. (503) 682-9495



Advance registration and payment is required. See registration form for costs.

Visit our Website for Conference Information, Session and Field Trip Descriptions and On-line Registration www.nwec.org

7:15 am – 8:25 am	Eb1) EARLY BIRD TECHNICAL SESSION – Environmental Innovation: Case Studies (<i>Advance Registration Required</i>) – Sponsored by: Intel Corporation Speaker: John Harland, Intel Corporation Moderator: Mike Weiby, Integrated Device Technology, Inc.			
8:00 am – 8:40 am	CONTINENTAL BREAKFAST (Tradeshow)			
8:30 am – 8:40 am	WELCOME			
TRACKS	101	ADVANCED	ADVANCED Sponsored by: AMEC Earth & Environmental, Inc.	ROUNDTABLE – HOT TOPICS Sponsored by: Davis Wright Tremaine LLP
8:45 am – 10:15 am	Th1) Air Quality Basics Speakers: Rebecca Hillwig, Oregon Department of Environmental Quality Paul Mairose, Southwest Clean Air Agency Moderator: Jason Smith Blount OCSG	Th2) A Carbon Primer: Understanding the Science, Economics, and Regulatory Basics of Greenhouse Gas Emissions Speakers: S. Julio Friedmann, Lawrence Livermore National Laboratories Laura Kosloff, EcoSecurities Global Consulting Ltd. David Van't Hof, Office of the Governor, Oregon Moderator: Doug MacCourt Ater Wynne LLP	Th3) Engineering Controls v. Active Remediation: Pay Me Now or Pay Me Later Speaker: Bob Van Vickle, Portland Development Commission Moderator: Leonard Farr AMEC Earth & Environmental, Inc.	Th4) Legislative Update <i>Visit www.nwec.org for speaker updates</i> Moderator: John Ledger Associated Oregon Industries
10:15 am – 10:45 am	BREAK (Tradeshow) – Sponsored by: ERM & Ater Wynne LLP			
10:45 am – 12:15 pm	Th5) Stormwater Basics Speakers: Elaine Albrich, Stael Rives LLP Andy Hersey, AMEC Earth & Environmental, Inc. Moderator: Beverly Pearman Stael Rives LLP	Th6) Carbon Trading Case Studies: Practical Ways to Evaluate and Make Successful Carbon Trades Speakers: Sean Clark, The Climate Trust Liz Thomas, Kirkpatrick & Lockhart Preston Gates Ellis LLP Moderator: Phil Bender Kirkpatrick & Lockhart Preston Gates Ellis	Th7) Vapor Intrusion-Fundamentals and Emerging Guidance Speakers: Mark Stelljes, SLR International Corp. Henning Larsen, Oregon Department of Environmental Quality Dave Bradley, Washington Department of Ecology Moderator: Heather Bartlett SLR International Corporation	Th8) Environmental Leadership: Government or Business? Speakers: Patty Boyden, Port of Vancouver Myron Burr, Siltronic Stephanie Hallock, Oregon Department of Environmental Quality Wade Mosby, The Collins Companies Moderator: Robert Grott Northwest Environmental Business Council
12:15 pm – 1:45 pm	LUNCH and AOI Award Presentation – Sponsored by: PSC Environmental Services			
1:45 pm – 3:00 pm	Th9) Breaking Down the Wastewater Permit Application Process, Understanding What Your Regulators Are Looking for, and Working With Them to Resolve Issues Speakers: Eric De Berry, City of Portland, Bureau of Environmental Services Curtis Barton, Clackamas County Water Environment Services Jim VanHouten, City of Salem Environmental Services Moderator: Stephanie Johannesen PCC Structural, Inc.	Th10) Advanced Stormwater – New Developments in Stormwater Speakers: Nathan Williams, CH2M Hill Calvin Noling, StormwaterRx Andy Hersey, AMEC Earth & Environmental, Inc. Moderator: Mark Leece CH2M Hill	Th11) Renewable Energy Applications for Industrial Facilities Speakers: Buzz Thielemann, RHT Energy Solutions John Murphy, Portland Habilitation Center, Inc. Pat Boylston, Stael Rives LLP Moderator: Beverly Pearman Stael Rives LLP	TH12) City vs. Country: Addressing Urban-Rural Conflicts Over Limited Natural Resources and Increasing Environmental and Land Use Impacts <i>Visit www.nwec.org for speaker updates</i> Moderator: Jeff Ring Bateman Seidel Miner Blomgren Chellis & Gram, P.C.
3:00 pm – 3:30 pm	BREAK (Tradeshow)			
3:30 pm – 4:45 pm	Th13) Preservation of Volatile Organic Compounds by EPA 5035A: When, Where, How and Why Speakers: Scott Woerman, Landau Associates Lester Dupes, Environmental Standards, Inc. Moderator: Lisa Domenighini Environmental Science Corp.	Th14) Water Quality Credit Trading and Ecosystems Markets Speakers: Charles Logue, Clean Water Services Bobby Cochran, Clean Water Services Moderator: Clayton Brown Clean Water Services	Th15) Measuring, Reporting and Promoting Sustainability (without “green-washing”) Speakers: Sharon Kulish-Bayles, Frito-Lay Jill Sughrue, Sustain - NW Jack Graves, The Holland Inc. (Burgerville) Moderator: Tanya Gray City of Vancouver	Th16) Local Responses to Global Problems: Who Should Pay? Speakers: Lisa Adatto, Oregon Business Association Mike Burnett, The Climate Trust Kathi Futornick, URS Corporation Kathryn VanNatta, Northwest Pulp & Paper Association Moderator: Robert Grott Northwest Environmental Business Council
4:45 pm – 6:15 pm	RECEPTION (Tradeshow) – Sponsored by: Stael Rives LLP			

7:15 am – 8:25 am	Eb2) EARLY BIRD TECHNICAL SESSION – Lean and the Environment (<i>Advance Registration Required</i>) Speakers: Hugh O'Neill, Washington Department of Ecology; Charlie Martin, Oregon Manufacturing Extension Partnership Moderator: Scott Stewart, Intel Corporation			
8:00 am – 8:40 am	CONTINENTAL BREAKFAST (Tradeshow)			
TRACKS	101	ADVANCED	ADVANCED Sponsored by: AMEC Earth & Environmental, Inc.	ROUNDTABLE – HOT TOPICS Sponsored by: Davis Wright Tremaine LLP
8:45 am – 10:15 am	Fr1) RCRA Basics Speakers: Larry Burke, Davis, Wright, Tremaine, LLP Devlin Gonor, Owens Corning Moderator: Stephanie Carey Vestas-American Wind Technology, Inc.	Fr2) Good to the last drop... Water Resource Management Speakers: Janet Gillaspie, Oregon Association of Clean Water Agencies (ACWA) Mark Cullington, Kennedy Jenks Randy Albright, City of Portland David Livesay, GSI Water Solutions Moderator: Terry Hosaka Landau Associates	Fr3) Successfully Managing Vendors and Contractors Speakers: Jeff Ring, Bateman Seidel Miner Blomgren Chellis & Gram, P.C. Heath Fewel, Microchip Technology Inc. Randi Wexler, Integral Consulting Inc. Moderator: Mari Chesser Microchip Technology	Fr4) Broad REACH - Navigating the Complex Seas of International Chemical Regulation Speakers: Lee Shull, ERM UK John Frazier, NIKE Emilia Sweeney, Lane Powell PC Moderator: Lu Menghini ERM
10:15 am – 10:45 am	BREAK (Tradeshow) – Sponsored by: ERM & Ater Wynne LLP			
10:45 am – 12:15 pm	Fr5) Inspections, Enforcement, Compliance: A Survival Guide for Everyday and the Environmental Emergency Speakers: Les Carlough, Oregon Department of Environmental Quality T. Alan Sprott, Vigor Marine LLC Claudia K. Powers, Ater Wynne LLP Moderator: Doug MacCourt Ater Wynne LLP	Fr6) Hot Air Topics Speaker: Aaron Day, Trinity Consultants Moderator: Bonnie Basden JELD-WEN, inc.	Fr7) Data Management: Life Beyond Excel Speakers: Kent Patton, Environmental Science Corp Penny Machinski, West Linn Paper Company Ann Bernhardt, AMEC Earth & Environmental, Inc. Moderator: Leonard Farr AMEC Earth & Environmental, Inc.	Fr8) Environmental Economics and the Global Economy <i>Visit www.nwec.org for speaker updates</i> Moderator: Mark Leece CH2M Hill
12:15 pm – 1:45 pm	LUNCH and Live Wire!™ Presentation – Sponsored by: PSC Environmental Services			
1:45 pm – 3:15 pm	Ft1) FIELD TRIP 1 – What Happens to My Plastic Pop Bottle? Tour a local plastics recycler and find out! <i>(Advance Registration and \$15 Transportation Fee is Required. Space is Limited.)</i> Moderator: Judi Younce, UPS			
1:45 pm – 3:00 pm	Fr9) Handling Environmental Emergencies: From Plans to Response Speakers: Dan Monaghan, City of Vancouver Fire Department Jim Sachet, Washington State Department of Ecology Don Pettit, Oregon Department of Environmental Quality Moderator: Iloba Odum Washington Department of Ecology	Fr10) CSI – Environment/Environmental Forensic Tools Speakers: Jeff Hylden, Battelle, Pacific Northwest National Laboratory Eric Weber, Landau Associates, Inc. Alan Jeffrey, Zymax Forensics Moderator: Terry Hosaka Landau Associates	Fr11) Everything You Want to Know About Sustainability... But Didn't Know Who to Ask Speakers: Christine Hagerbaumer, Oregon Environmental Council David Allaway, Oregon Department of Environmental Quality Judie Miller, Metro Jonny Holz, Conservation Services Moderators: Marianne Fitzgerald Oregon Department of Environmental Quality	
3:00 pm	ADJOURN			

NWEC ATTENDEE REGISTRATION

- **Register Online at www.nwec.org.** Credit card payment is required to register on-line.

- Register two or more people from the same organization and receive a discount.

Please complete one form per person - Please print or type. You may duplicate this form when registering more than one person from an organization. If payment is made for multiple attendees please attach all individual registration forms to check.

First Name _____ Last Name _____

Badge First Name (if different) _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Telephone (_____) _____ Fax (_____) _____

Email _____

Please check the category that best describes your area of responsibility:

- Elected Official
- Environmental Attorney
- Environmental Consultant
- Environmental Engineer/Process Engineer
- Environmental Health and Safety Staff/Manager
- Environmental Service Provider
- Facility Manager/Maintenance
- Federal, State or Local Environmental Agency Staff
- Governmental or Public Affairs Specialist
- Other: _____

SPECIAL NEEDS:

Special Meal Requirements: Vegetarian Vegan Allergy _____
I will need assistance or special accommodations to participate. Please specify: _____

CONFERENCE FEES: Check one.
(Includes meals, admission to all sessions and tradeshow).

Received by Nov. 16, 2007 Received After Nov. 16, 2007

- Full Conference**
- One from Your Organization \$285 \$350
 - Two or More from Your Organization \$270 each \$300 each

Full Conference + HAZWOPER Training \$435 \$515

HAZWOPER Training Only (Wed., Dec. 5th) \$150 \$165

Advance Registration is Required for Technical Early Bird Session with Hot Breakfast

- Eb1) Environmental Innovation: Case Studies – Thurs., Dec. 6th No Charge
- Eb2) Lean and the Environment – Fri., Dec. 7th No Charge

Advance Registration and Transportation Fee is Required to Attend the Field Trip

- Ft1) What Happens to My Plastic Bottle? – Fri., Dec. 7th \$15

TOTAL ENCLOSED: \$ _____

PAYMENT:

Make checks payable to **NWEC** and mail to: Conference Solutions
2545 SW Spring Garden Street, Suite 150 • Portland, OR 97219
If you wish to pay by credit card, please register on-line at www.nwec.org

REGISTRATION INFORMATION

Full Registration fee includes 2 continental breakfasts, 2 lunches, refreshment breaks, admission to all sessions, tradeshow, reception and a registration gift.

Early registration deadline is November 16, 2007.
Registrations received after that date are subject to a higher fee.

Cancellations and refund requests must be in writing, postmarked by November 26, 2007 and will be subject to a \$50 administrative fee.
No refund requests will be accepted after November 26, 2007.

If special accommodations are needed due to physical disabilities, contact **Conference Solutions** at least ten working days prior to the conference.

Conference registration does not include lodging. All conference sessions will be held at the Red Lion Hotel on the River - Jantzen Beach (same location as previous years).

DISCOUNTS ON LODGING

Red Lion Hotel on the River - Jantzen Beach:
909 North Hayden Island Drive

Rate: \$98 single or double occupancy, plus lodging tax (currently 12.5%)

HOTEL RESERVATIONS:
Phone: (503) 283-4466 or 1-800-RED-LION (733-5466) and identify yourself with **NWEC** to receive this special rate.

Online reservations: www.redlion.rdlh.com
(Hotel Code: **1130NORT**)

The hotel provides complimentary shuttle service to and from the Portland International Airport.

QUESTIONS

Questions about Registrations:
Conference Solutions - (503) 244-4294 ext. 202,
register@conferencesolutionsinc.com

Questions about the Tradeshow:
Sue Moir - call NEBC (503) 227-6361, sue@nbc.org

Questions about HAZWOPER Training:
Matt Hutchinson - call Succeed Safety & Health, Inc.
(503) 682-9495, matt.h@lossfree.com

**For additional information
and Online Registration,
visit our website:
www.nwec.org**