



Northwest Environmental Business Council E-News

How To Get Involved With NEBC

Soon we will be moving into the busy fall season and the re-start of various committees and forums. For those not familiar with how NEBC works, here is a brief overview. There are Chapter Committees that meet regularly in Seattle (Olympic Chapter) and Portland (Cascade Chapter). These set the agendas for the Chapter Luncheons and are the source for various new programs, and regulatory or legislative initiatives. (Let me know if you want to help re-launch a committee in Boise.) Each of our conferences also has a separate planning committee, which will be getting to work soon for the 2009 events (Stormwater, Renewable Energy, Ecosystem Markets, & Climate Change). Finally, there are the special interest Forums covering Brownfields (in Washington) and Energy (in Oregon) – with more to come based on member suggestions and interest. The committees are open to all, so there are lots of opportunities to contribute to the industry and the organization, to influence content, engage with your peers, and increase the value of your membership. The process is simple, just call or email and let me know of your interests.

From the Executive Director

Turbulent and potent times. I attended a transportation conference a few weeks ago that included a broad range of high-level participants – including government, planners, academics, engineers, construction contractors, vehicle technologists, NGOs, etc. The undeniable theme is that we are entering times of radical disruption to “business as usual.” Roads, rail transit, buses, bicycles, etc. are merging into a “mobility industry” requiring an integrated approach to planning – one not driven by “transportation,” but where transportation is driven by community design. These are not exactly new concepts, but they are being taken quite a bit more seriously as funding for new roads and other infrastructure is declared “unavailable,” fuel prices are on an inexorable upward trend, carbon reduction policies will require huge reductions in transportation’s CO2 impact, and new vehicle technologies are still years away. The only variable left is demand management, or the new term: “demand destruction.”

Add to that the accelerating pace of change, driven by climate change that planners need to take into account. For example, some hydrologists posit that, given current snow pack and consumption patterns, there is a 50% chance that both Lake Powell and Lake Mead on the Colorado River will be dry by 2020 (only twelve years away!). Try imagining how the Northwest will accommodate the influx of millions of refugees from that scenario. And even on a more mundane level, what if the predicted increase in the size of Northwest storm events means that current highway culverts are undersized?

The call is for a fundamental change in approach – and soon – covering how we think about transportation: the goals, the methods and metrics that are used, and who is involved in the planning discussion. (For example, a move to electric cars suddenly makes electric utilities a key player.) The debates over large projects such as the Alaskan Way Viaduct in Seattle and the I-5 bridge over the Columbia River are just a taste of the future. Some suggest that the sustainability concept and its metrics may become useful here by providing a common denominator for evaluating alternatives – especially because this approach leads to an integrated systems perspective. The result may be a “least cost planning”

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model for combining transportation options that borrows a concept from electric utility resource planning.

Change and disruption are stressful, but also create business opportunities. For those NEBC members working in project planning and construction, the business development process has become more complex, with more players, trends, and "market forces" to track. On the other hand, the range of members who can contribute to the planning conversation is wider than ever before. This dynamic is true for all infrastructure sectors, not just transportation. These are interesting times, with enormous opportunities, and as ever: success will go to the nimble.



Robert Grott

NEBC Conferences, Meetings & Trade Shows

September 3. Luncheon - [Biofuels: The Sustainability Question](#), Seattle. Biodiesel and ethanol, once praised for their environmental and economic benefits, are now under attack by the popular media. They are being blamed for increasing food prices and undermining land stewardship while not being all that carbon friendly. On the other hand, many thoughtful scientists and economists dispute these allegations. Where is the line between fact and fiction and what are the right questions to be asking? Two industry experts will be presenting opposing views. Speakers will be Roel Hammerschlag, Stockholm Environment Institute, US Center and Nikola Davidson, Northwest Biofuels Association.

September 11. [Cascade Summer Mixer](#), Portland. Take some time out of your hectic schedule to relax with NEBC members, colleagues, and guests for this fun annual event. Check out the views from high atop the ODS building (thanks to our hosts Lane Powell) as you sip your favorite summer beverage and enjoy light hors d'oeuvres from Premier Catering. This event is a great opportunity to gather with colleagues and network with potential new partners. Registration for NEBC members is \$35.00 and non members \$45.00 (includes hors d'oeuvres and two drinks).

[October 21 & 22. Brownfields & Land Revitalization Conference and Trade Show](#), Tacoma, WA. Great booths are still available. Presented by Washington Department of Ecology's Toxic Cleanup Program, National Brownfields Association and Northwest Environmental Business Council, the Brownfields Conference provides a preeminent technical program with the most up-to-date policy information for environmental professionals. The Trade Show will give companies a platform for offering advanced brownfields, land redevelopment and environmental technologies and services. Exhibiting at Brownfields is an opportunity to interact with decision makers in a highly competitive and sometimes hard-to-reach industry, reaching attendees with purchasing authority. Download the application and floor plan www.nebc.org or Contact Sue@nebc.org for more information.

[December 8 & 9. Northwest Environmental Conference & Trade Show](#), Portland, OR. Applications are being accepted for the 2008 NWEBC Trade Show. Space is limited and booths are selling fast! NWEBC is one of the largest most comprehensive environmental conferences in the Pacific Northwest. Don't wait too long and miss out on this opportunity. Attendance is expected to exceed 450! Get your company noticed! Download an application today http://www.nebc.org/Documents/2008_NWEBC_Application.pdf.

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Industry News, Meetings & Events

Assessment Associates, Inc. welcomes registered geologist Jill Betts to the staff. Jill most recently spent eight years as a project manager at Hahn and Associates, Inc., where she worked on Phase I and Phase II ESAs; Underground Injection Control system compliance and remediation; brownfield cleanups; Portland Harbor Group investigations; dry cleaner and underground tank investigations and risk-based closures; pesticide investigations; industrial solvent releases; and industrial wastewater permitting.

Nominations are now being accepted for the November 5th "2008 Oregon Brownfields Workshop and Awards Luncheon". The Oregon Brownfields Awards ceremony will recognize individuals and organizations that deserve special merit for transforming brownfields into new and innovative uses right here in Oregon. Nominations accepted through October 3, 2008. The nomination form is available online at www.econ.oregon.gov or by calling Karen Homolac at (503) 986-0191. The registration fee is \$35. Registration is available online at www.econ.oregon.gov. The Oregon Departments of Economic and Community Development and Environmental Quality are pleased to provide a limited number of scholarships covering registration fees and/or travel expenses. Questions: Karen Homolac, OECDD at (503) 986-0191 Karen.homolac@state.or.us.



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Waste Connections, Inc. announced that it has entered into an agreement to acquire Harold LeMay Enterprises, Inc. Founded in 1942, LeMay is the largest privately-owned solid waste services company in the Pacific Northwest with total annual revenue of approximately \$100 million. LeMay provides solid waste collection, recycling and transfer services, a majority of which under exclusive G Certificates for the counties of Gray's Harbor, Lewis, Pierce and Thurston. Waste Connections also announced that it has entered into an agreement with entities affiliated with LeMay to acquire the remaining interests in Pierce County Recycling, Composting and Disposal, LLC, a provider of solid waste disposal, transfer, recycling and composting services, which is currently a majority-owned subsidiary of Waste Connections.

The Puget Sound Business Journal is gathering information for the **list of the Top 25 Environmental Services Firms in the Puget Sound-area**. This list will be published November 7th, 2008 as well as in the annual Book of Lists. As always, this is an editorial product and is FREE of charge. Only firms that have revenues of 50% or more from providing just environmental consulting/construction/engineering and remediation services will be considered for this list. Please submit your information no later than Friday, September 12th. Please submit your information online! Go to http://www.bizjournals.com/seattle/bol_survey/ and follow the instructions.

August 20. Sustainable Building Advisor Program (SBAP), Informational Meeting. Portland. The SBAP is a 9-month training designed for working professionals wishing to apply sustainable concepts to the buildings they design, develop, and construct. Sessions are presented by expert instructors in an interactive format with hands-on exercises, field trips and cross-sector-applicability. RSVP by August 19 to 503-491-7585. Next class begins in October. For program information www.mhcc.edu/sbap or Antonio Paez, Antonio.paez@mhcc.edu.

August 19-21. Advanced ArcGIS 9 for Fisheries and Wildlife Biology Applications. Olympia. The objective of the course is to provide the student with a comprehensive set of ArcGIS tools that they can put to use immediately in their fisheries and fish habitat related work. The course will focus on using ArcGIS for storage, management, assessment, modeling and cartographic display of spatial and non-spatial fisheries and fish habitat data. The Evergreen State College-Computer Center. More Information – www.nwetc.com.

September 2-3. The Ecology of Pacific Salmonids, Seattle. This course provides a greater understanding of: The life stages of salmon and trout in both coastal and inland streams, and the habitat requirements applicable to each stage; How substrate quality and hydraulic flow affect spawning behavior and redd success; How habitat features, instream complexity, bank structure and large woody debris influence success of salmonids at different life stages; How water chemistry, water temperature and food availability impact trout and salmon behavior and/or physiology; How migration patterns can be impeded or enhanced by changes in flow, water quality, barriers or obstacles. More Information – www.nwetc.com.

September 4-5. Pacific Salmonid Spawning Habitat Restoration. Seattle. Discover how to integrate physical, biological and aesthetic objectives into habitat improvement design; characterize and estimate sediment transport and budgets for enhancement sites; and to design effective monitoring programs. Material selection, contracting procedures, and data and project presentation will be covered. Examples of techniques will be provided from both successful and failed restoration projects. More Information – www.nwetc.com.

September 9-11. Biomimicry for Sustainable Design - Discovering a World of Solutions Inspired by Nature. Leavenworth. Biomimicry is the practice of developing sustainable technologies inspired by ideas from Nature. While humans have a long way to go towards living sustainably on this planet, millions of species—each with nearly 4 billion years of field testing—contain technological ideas to help us succeed in our all-important quest to become a sustainable species on a biodiverse planet. More Information – www.nwetc.com.

Want More Visibility? Sponsor an NEBC Event!

September 3 – Luncheon. Seattle.

September 11 – Summer Mixer, Portland.

October 21 & 22. Brownfield Conference Reception! Tacoma.

Contact Sue at NEBC to learn about sponsorship opportunities

Sue@nebc.org or 503-227-6361.

September 10-12. Urban Waterfront Revitalization Conference and Workshop. Bremerton. Join the City of Bremerton as they host fellow communities, project planners, private developers, and solution & service providers. Explore case studies, approaches and

solutions from real projects at all stages, from strategy to implementation and beyond. Sessions will feature stories from individual communities transforming their waterfronts. The program will also cover key areas such as financing, transportation, sustainability and more. A half-day workshop on sustainable shoreline development. For more information and to register, go to www.uwrconference.com or contact Trenea Colby at (206) 226-7224 or tcolby@athenacompany.com

October 1. GoGreen '08. Portland. This is an all-day educational conference that will inspire, motivate and educate aspiring and established business owners to "go green". Spend a value-packed day connecting with eco-visionaries, experts and like-minded individuals who will provide you with the knowledge and tools you need to make your business more sustainable or to take your green business to the next level. The Keynote by Portland's Mayor-Elect Sam Adams and sessions with multitudes of experts will ensure a solid action plan for you to implement for your business moving forward. NEBC members save \$25 on full day admission. Use Special Discount Code: NEBC. To check out conference topics, speaker line-up and to purchase tickets online, visit www.gogreenpdx.com.

October 27-28, Renewable Energy Finance Forum-West (REFF-West). Seattle. Presented by the American Council On Renewable Energy (ACORE) and Euro money Energy Events, this is a national conference addressing regional renewable energy issues for financiers, investors and renewable energy project developers wanting to network, strike deals and drive the industry forward. Industry leaders from around the country will present on a variety of topics, including venture capital, financing in a credit-constrained economy, emerging technologies, green building, energy efficiency, smart grid and transmission, government policies, and carbon finance. REFF-West will build on the highly successful REFF-Wall Street event. For more information go to: www.reffwest.com

Employment Opportunities

Fisheries Biologist. Pentec Environmental, a division of Hart Crowser, Inc., has an opportunity for a highly motivated Senior Level Fisheries Biologist to work with our water and natural resources services groups. With an MS or PhD, and 10+ years of consulting experience, this individual will be an integral member of our natural resources practice. Thorough knowledge of the Endangered Species Act, NEPA, and Washington State species, issues, and regulations are required. Experience should include estuarine and/or freshwater life history of salmonids, fish habitat assessment, and project permitting. Experience in habitat restoration, aquatic toxicology, GIS applications, database management, and watershed analysis are also desirable. Interested candidates are encouraged to forward their confidential resume to: staffing@hartcrowser.com, Hart Crowser, Inc. Pentec Environmental

Senior Natural Resources Project Manager. AMEC Earth & Environmental, Inc (AMEC), an environmental consulting firm, has an immediate job opening for a Senior Natural Resources Project Manager. Primary job responsibilities associated with this position will include developing existing and new client relationships, senior technical review of current projects, and direction and leadership of multi-disciplinary projects. Experience should involve all phases of the project life cycle, including proposal/work plan development, project management, technical analysis, preparation of deliverables, and quality assurance. A well-developed working knowledge of the National Environmental Policy Act (NEPA), the Clean Water Act, the Endangered Species Act (ESA), Oregon Department of State Lands (DSL) removal/fill regulations, and other Federal, State, and local regulations affecting wetlands and aquatic systems is required. Excellent written and verbal communications skills also are required. BS (MS preferred) in biology or related natural sciences with a minimum of 12 years experience in private sector environmental consulting or natural resource management. Please apply online at www.amec.com.

Natural Resources Division Manager. Parametrix, a premiere Pacific NW engineering, planning, and environmental sciences consulting firm, is seeking a full-time Division Manager to join our Portland, OR office and successfully lead a diverse, talented staff of 9 Natural Resources professionals specializing in ESA compliance, wetlands, wildlife, biology, fisheries, and/or botany related multi-disciplinary environmental project work. The position is highly entrepreneurial allowing the qualified candidate the opportunity to create a division with a unique vision for the future. Our intent is to provide an opportunity to create a successful division in a market that they are passionate about. We do not have a preconceived idea of that vision and want to hear your ideas! Please submit a letter of interest and resume through our website. Reference (#PTL804) www.parametrix.com

Student Internship Matching Service. The Business Education Compact (BEC) provides companies with access to student interns from high school to doctoral candidate levels. The year-round program makes internship easy, with a turnkey service that includes screening and recruiting strong candidates that fit your job requirements, interview scheduling, orientation, payroll, as well as management support throughout the internship. BEC is a nonprofit serving Oregon and SW Washington, connecting the classroom and workplace for the past 24 years. Contact Mark Read at the BEC: mread@becpdx.org; 503.646.0242 x37.

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Member Discounts

Associated Technologies Council. NEBC has partnered with the Associated Technologies Council (ATC) in order to allow you to participate in their employee benefits program. ATC provides employee benefits to companies in Computer Technology, Bioscience, Telecommunications and now Environmental Sciences. Because ATC is able to pool firms together across a wide spectrum of desirable industries, they are able to provide medical benefits up to 20% below what you are probably paying now. In addition, there are benefits available like, paperless enrollment, single invoice billing and COBRA administration all provided at no cost to you. Contact Tino Versoza, NEBC Benefits Representative (503) 626-9135 or email: tino@get-benefits.com for a free no obligation benefits analysis.

Environmental Expert. NEBC has teamed with Environmental Expert, the world's largest online marketplace and information resource serving the environmental industry. At a reduced rate of just \$1,700, NEBC members can become Bronze Sponsors and get a year's worth of cost-effective exposure to a targeted audience of over 400,000 environmental professionals. Additional levels of sponsorship and optional advertising opportunities are also available. www.environmental-expert.com For more information contact Tracy Barton, tracy@combined-resources.com.

Financial Planning Services with Waddell & Reed. NEBC members receive at 20% discount on financial planning services provided by Waddell & Reed, a national financial planning firm founded in 1937. Planning services include retirement planning, wealth management, tax-efficient investing, education funding, estate protection, and succession planning for closely-held businesses. Other business services include retirement plans and financial education workshops. Contact Karen Einberger, Financial Advisor, Waddell & Reed, 206.283.6661 or keinberger@wradvisors.com.

Northwest Environmental Training Center. NEBC has partnered with NWETC to offer our member companies an exceptional opportunity to provide continuing education to its employees at a 20% discount off the published rate on all of NWETC's technical training workshops, conferences, and seminars. For more information, visit their website <http://www.nwetc.org/> or contact Erick McWayne at 206-762-1976.

Oregon Insider. NEBC members may take advantage of a \$150 introductory rate for the first year (24 issues), a savings of \$95 off their regular base rate. In addition, NEBC members will enjoy an ongoing subscription rate of \$195 per year, which represents an ongoing savings of \$50 per year. To redeem your discount please contact Oregon Insider by calling David Light at 541.343.8504 or by email at epi@rio.com.

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Sustainable Industries (SI). The premier magazine for sustainable business news on the West Coast. The NEBC member discount for the Sustainable Industries is better than imagined – it's still a \$10 discount, but the new annual subscription rate is only \$39 that means that NEBC members can receive this new publication for only \$29/year! For more information look to: <http://www.sustainableindustries.com/>

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2008 NEBC Events Calendar

September			
3	Olympic Chapter Committee Meeting	10:00 AM – 11:30 PM	McCormick & Schmick's Harborside – Seattle, WA
3	Olympic Chapter Luncheon – Topic: Biofuels: The Sustainability Question	11:30 AM – 1:00 PM	McCormick & Schmick's Harborside – Seattle, WA
11	Cascade Chapter Summer Mixer	5:00 PM – 7:00 PM	Lane Powell – Portland, OR
October			
1	Olympic Chapter Luncheon – Topic: Carbon Footprints & SEPA Reviews	10:00 AM – 11:30 PM	McCormick & Schmick's Harborside – Seattle, WA.
9	Cascade Chapter Committee Meeting	9:30 AM – 11:00 AM	Governor Hotel – Portland
9	Cascade Chapter Luncheon – Topic: TBD	11:30 AM – 1:00 PM	Governor Hotel – Portland
21 & 22	Brownfields & Land Revitalization Conference & Trade Show	All Day	Greater Tacoma Convention & Trade Center
November			
5	Olympic Chapter Committee Meeting	10:00 AM – 11:30 PM	McCormick & Schmick's Harborside – Seattle, WA
5	Olympic Chapter Luncheon – Topic: TBA	11:30 AM – 1:00 PM	McCormick & Schmick's Harborside – Seattle, WA
13	Cascade Chapter Luncheon – Topic: TBD	11:30 AM – 1:00 PM	Governor Hotel – Portland, OR
December			
8 & 9	Northwest Environmental Conference & Trade Show	All Day	Red Lion Hotel on the River – Portland, OR
10	Hazwoper Training	8:00 AM – 5:00 PM	Red Lion Hotel on the River – Portland, OR

*Event dates and topics subject to change.