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Special Announcement!

**The NEBC Trade Show is Moving
Join Us at Our New Conference**

BUSINESS & THE ENVIRONMENT

From Risk Management to Competitiveness

November 8-9, Portland
Red Lion Hotel, Jantzen Beach

The host of the Northwest Environmental Conference, Associated Oregon Industries (AOI), has unilaterally ended its 15-year partnership with NEBC and our environmental products and services trade show. The trade show is the largest of its type in the Northwest and is extremely important to NEBC members. Thus we have created an alternative conference –

presented by NEBC and the Oregon Dept. of Environmental Quality - that will be even better than NWEBC and is designed to attract a broader audience throughout Oregon and SW Washington.

BUSINESS & THE ENVIRONMENT is a more contemporary conference that responds to the concerns of today's environmental & operations managers. The educational sessions cover not only environmental compliance issues, but also other topics of interest to core industry attendees, such as energy efficiency, waste minimization, and product stewardship – activities that contribute to reducing costs, increasing profitability and enhancing competitiveness.

Call for Topics & Speakers. Share your session ideas! A planning committee is working on the structure and content of the conference sessions, which will be grouped by topic areas. The initial list is shown below. If you would like to propose a topic that relates to one of these areas, send a paragraph description to Robert Grott at robert@nebc.org before June 20th.

- Regulatory Updates
- Managing Water
- Managing Land
- Managing Energy
- The New LEAN
- Markets & the Environment
- Environmental Economics
- Managing People & Processes



Call for Sponsors and Exhibitors. Most of the exhibitors who signed up for the NWEBC conference under NEBC have shifted their booth registrations to **BUSINESS & THE ENVIRONMENT** and we are now opening the doors to additional exhibitors. We are also inviting companies to become Conference Sponsors – and to demonstrate industry leadership by supporting the conference financially. Information on both sponsoring and exhibiting is available at <http://www.nebc.org/content.aspx?pageid=109> or by contacting Sue Moir at the NEBC office (503-227-6361 or sue@nebc.org)

On a personal note, I understand that the addition of a new conference is confusing to some members of the environmental community. I assure you that this was not our choice, and that we are taking this action out of our commitment to the interests of that community. We also see this as an exciting opportunity to create a conference that better meets the needs of both our members and our industry partners. Thanks to all of you who have expressed support for our efforts and who are already working with us to make this a great event.

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Welcome New Members
Cooper Zietz Engineers, Inc
Stirling Consulting

Welcome Renewing
Members
AECOM
BakerCorp
Brooks Rand Labs
Cascade Drilling, L.P.
CETCO
CH2M Hill
Clean Harbors
Environmental Services,
Inc.
CleanWay Environmental
Partners
Emerald Services Inc.
Envirocon, Inc.
Evergreen Energy
Foster Pepper, PLLC
GeoPro LLC
Hartman Strong Hartman
LLC
Harvest Power, Inc.
MacDonald-Miller Facility
Solutions

NRC Environmental
Service

Pace Analytical Services

Restorical Research, LLC
Smedes & Associates
SoundEarth Strategies, Inc.
TCB Industrial Corporation
TechSolve Environmental
Inc.
WaterTectonics, Inc.

NEBC Members in the News

Idaho environmental engineering firm TerraGraphics has received a humanitarian award from the United Nations for its promotion of environmental clean-up methodologies in developing countries. The Green Star Awards, a joint initiative between the U.N. Environment Programme and Green Cross International, recognize those who have made remarkable efforts to prevent, prepare for and respond to environmental emergencies around the world. They are given every two years in association with U.N. reviews of its environmental programs. Most recently, Moscow-based TerraGraphics Environmental Engineering's project in Nigeria helped relieve an epidemic of lead poisoning, especially among children, in Zamfara state, a remote area of northwestern Nigeria. Part of a joint research effort with the Environmental Science Program at the University of Idaho to design cleanup methods for use in developing countries, the project is based on the company's 30-year experience assisting the state of Idaho in cleaning up the Bunker Hill smelter Superfund site at Kellogg, Idaho. TerraGraphics, in collaboration with other organizations, has undertaken five major projects of this nature in developing countries, including Senegal, the Dominican Republic, Far East Russia, and China. [Read More.](#)



Cooper Zietz Engineers Announces New Business Development

Manager. Cooper Zietz Engineers, Inc. is proud to announce the addition of Terry Hosaka, to our team. Terry is an environmental professional who has spent more than 25 years in the fields of environmental management and consulting. He formerly worked with the Oregon Department of Environmental Quality (DEQ), where he oversaw and managed over 200 environmental restoration and cleanup projects throughout DEQ's Northwest and Eastern Regions. He then spent 6 years working within the consulting community. As the firm's Business Development Manager, Terry will be based in our Portland and southwest Washington offices. He will assist the company with existing client service management and developing new markets throughout the Pacific Northwest.

Lane Powell Shareholder Carolyn Vogt Was Recently Appointed to the Oregon Humane Society's Board Of Trustees. As a member of the Board, Vogt will help implement the Oregon Humane Society's mission of fostering an environment of respect, responsibility and compassion for all animals through education, legislation and leadership. Vogt is familiar to working with nonprofits, as she is past president of the Board of Directors for the YWCA of Greater Portland and is currently a member of the Board of Directors for The Wetlands Conservancy. She is also currently on the Board of Directors of Smart Grid Oregon, a trade association that aims to enable and promote the smart grid industry and infrastructure in the state. Vogt has more than 20 years of legal experience representing clients in complex business transactions, including mergers and acquisitions, financing, entity formation and structure, and commercial contracts. She has worked with a range of clients,

including manufacturers, retailers and energy project developers. Her areas of industry expertise include renewable energy, clean technology, and New Markets Tax Credits.

Brooks Rand Labs Awarded US Army Public Health Command. The mission of the US Army Public Health Command (USAPHC) is to promote health and prevent disease or injury of soldiers, military retirees, their families, and civilian employees. Headquartered at Aberdeen Proving Ground, MD, the USAPHC's Laboratory Analytical Division provides support to environmental programs engaged in health risk assessment. Support is also extended directly to other DoD installations and federal agencies throughout the US and abroad. The USAPHC recently selected Brooks Rand Labs (Contract: W91ZLK-11-P-0185, \$627,213) to provide extensive analytical services for the determination of low-level metals and methylmercury in non-potable waters (including high-salinity waters) and sediment samples.



TestAmerica Laboratories, Inc. Names James E. Hyman Chief Executive Officer. TestAmerica Laboratories, Inc., the leading environmental testing firm in the United States, announced today that James E. Hyman has been named Chief Executive Officer and has been appointed to the company's board of directors. Hyman succeeds Rachel Brydon Jannetta, who has served as CEO for TestAmerica and predecessor company STL since 1993. Brydon Jannetta is retiring from her executive role and will assume the position of Chairperson of the board of sdirectors. James E. Hyman comes to TestAmerica with more than 25 years of experience in international business leadership. Until its 2010 sale, Hyman was Chairman, President and CEO of Cornell Companies, Inc., a provider to government agencies of corrections, education, rehabilitation and treatment services. Earlier in his career, Hyman held executive positions with Starwood Hotels & Resorts Worldwide, GE Capital Services, McKinsey & Company, and JP Morgan, and he also chairs the not-for-profit Mega-Cities Project. [Read More](#)

Nathan Hardebeck, Wildlife Art Photograph on Display at Hancock Gallery. Nathan Hardebeck, Clean Water Technologies, influential stormwater expert, NEBC Member, and the reason there is an NEBC Stormwater Conference in the spring has another side – that of professional wildlife photography artist! Nathan learned his craft from Dick Hancock who has been his mentor and friend for over 20 years! Nathan and Dick have traveled the world together capturing images of nature and wildlife. Their work has been featured on TV and many national publications. Starting Memorial Day weekend the Hancock Gallery and Café will open in Packwood, WA; showcasing their work as well as other local/national artists. More details are available at www.HancockGalleryCafe.com. **Special for NEBC Members** – Until June 15, 2011, bring a copy of this newsletter and get a single scoop ice cream cone for free.

Soil and Wetland Scientist Legislation in Washington. *By Jerry Smedes and Linda Dennis, Smedes & Associates.* A small group of environmental consultants returned to Olympia this legislative session to promote a law requiring state certification of soil and wetland scientists. Passage of this legislation would result in a chilling effect on our member companies who offer services related to soil and wetlands. The original bill emerged about eight years ago, when a group of soil scientists expressed a desire to license members of their profession. NEBC, through its legislative lobbyists, has consistently opposed this new state licensing program. It would not provide any clear benefit to our member companies, but it would increase costs on environmental projects and result in reduced business opportunities. [Read more.](#)

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Industry News

Ninth Circuit Rules CERCLA Liability Does Not Extend to Permit Holder. By Russell Prugh. The Ninth Circuit has held that a permit holder does not hold enough of an interest in property to be considered an “owner” under CERCLA and therefore is not liable under the law. In *Los Angeles v. San Pedro Boat Works*, the court concluded

that a company that held a revocable permit for a shipbuilding berth (but which was not involved in shipbuilding operations) had no liability for cleaning up the contamination that occurred at the property. The case rejected the “de facto” owner approach adopted by the Second Circuit and sets up a split among the circuits. [Read the full article »](#)

Environmental Groups Press for Federal Regulation of Air Emissions from Animal Feeding Operations.

By Dustin Till. In a move closely watched by the livestock and poultry industries, a coalition of environmental NGOs recently petitioned the U.S. Environmental Protection Agency (EPA) to set national air quality standards for ammonia at animal feeding operations (AFOs). Petitioners contend that ammonia emissions from AFOs endanger human health and welfare. The petitioners argue that: “AFOs are leading contributors to the nation’s ammonia inventory; by one EPA estimate livestock account for approximately 80 percent of total emissions. AFOs also emit a disproportionately large share of the ammonia in certain states and communities.” The petitioners ask EPA to designate ammonia from AFOs as a criteria pollutant and establish National Ambient Air Quality Standards (NAAQS) under the Clean Air Act. If EPA grants the petition, new and modified AFOs and other stationary sources emitting ammonia would potentially be subject to construction permitting requirements under the Clean Air Act’s Prevention of Significant Deterioration (PSD) rules. [Read the full article »](#)

EPA Construction General Permit OVERVIEW. Stormwater discharges from construction activities (such as clearing, grading, excavating, and stockpiling) that disturb one or more acres, or smaller sites that are part of a larger common plan of development or sale, are regulated under the National Pollutant Discharge Elimination System (NPDES) stormwater program. Prior to discharging stormwater, construction operators must obtain coverage under an NPDES permit, which is administered by either the State (if it has been authorized to operate the [NPDES stormwater program](#)) or EPA, depending on where the construction site is located. Read more.

Oregon Global Warming Commission Survey. The Oregon Global Warming Commission’s (OGWC) would like your input. As Oregon chooses the strategy and actions needed to reach the state’s 2020 climate goals, the Commission is looking for feedback on choices that achieve the greatest reductions at the least and most fairly distributed costs, and that hold the greatest economic and livability benefits for Oregon businesses and households. Oregonians are invited to participate in an online survey asking their views on the Roadmap’s recommendations. Deadline is May 31. The survey can be accessed at: http://conversation.fuseinsight.com/topic/start/OGWC_Roadmap_3_3_2011/intro?SID=review_group. The Roadmap to 2020, as adopted by the Commission, is available at:

<http://www.keeporegoncool.org/content/roadmap-2020>

Recapturing Land for Economic and Fiscal Growth. Summary: Vacant land and abandoned properties challenge both older industrial metros struggling with the effects of long-term population decline and metros that were booming until the foreclosure crisis and the recession wrought havoc on their economies. These properties are a significant

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drag on local economic and fiscal health, exacerbating already intense fiscal stress for local governments. Yet they are also major potential assets for business growth, job creation, and neighborhood revitalization. Unfortunately, weak and antiquated state laws governing tax foreclosure, land banking, code enforcement, and other areas make it difficult for local governments to address vacancy and abandonment, and prevent them from unlocking properties' productive potential. To give municipalities the tools they need to repurpose distressed land and buildings, states should: Reform inefficient tax foreclosure laws; Create clear paths to public control of vacant and abandoned properties ; Empower effective code enforcement and nuisance abatement ; Enhance local government's power to mitigate the harm created by mortgage foreclosure
http://www.brookings.edu/~media/Files/rc/papers/2011/0503_land_vaule_mallach_vey/0503_land_value_mallach_vey.pdf.

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May 25. Oregon Energy Forum: Growing OR Biogas Industry. Portland. Biogas digesters can create energy from

NEBC Events

Full Listing of all NEBC Events can be found at www.nebc.org/Events

the organic waste generated by sources such as dairies, wastewater treatment plants, municipal solid waste, and food processors. The Energy Trust of Oregon and Climate Trust recently completed a study on the potential for biogas energy production in Oregon, along with an analysis of barriers to realizing that potential. Lead authors Peter Weisberg of The Climate Trust and Thad Roth of The Energy Trust will discuss their findings. No charge, but please RSVP to robert@nebc.org

June. 1. Olympic Luncheon. Navigating the New Air Permitting Rules. Seattle. EPA finalized the new rules for boilers and incinerators (Boiler MACT & CISWI) in February. The rules identify which materials – when used in a combustion unit – are solid wastes and which are not. The result is that some industrial boilers will have to be re-classified as incinerators and regulated under the more stringent incinerator requirements. Agata McIntyre, Puget Sound Clean Air Agency, will speak about the development and current status of the rule, describe expected impacts on businesses within the Puget Sound region, and provide tools for determining whether the new rule applies to your business.

June 9. Portland Luncheon. Oregon Air Quality Update. Regulations for protecting Oregon's air quality are continually evolving, based on rules put out by the EPA plus local considerations. New aspects of Oregon air permitting rules include the incorporation of PM2.5 particulate size emission testing, application of MACT (maximum achievable control technology) rules to control hazardous air pollutants (HAPs) for certain boilers, and Green House Gas (GHG) reporting. Presenters will discuss these developments, time lines, and implications for regulated parties.

June 9. Boise Lunch. Renewable Energy & The Environment. Is the deployment of large renewable energy projects at odds with environmental protection? Mark your calendars for NEBC's Rocky Mountain Chapter lunch and join a discussion of energy projects' cumulative impacts on both wildlife and people, and how developers and communities can address the competing values of clean energy, environmental protection, quality of life, and economic growth.



June 16. Water Solutions Conference. Vancouver, WA. NEBC and The Water Report present a conference about innovative approaches that can change how we managing water resources in the Northwest. Providing an adequate supply of water to a growing population, while meeting the needs of the natural environment, is one of the most complex challenges we face as a society – especially with the prospect of climate-induced changes to historical supply patterns. However, the components of this challenge tend to be addressed in relative isolation. This conference takes a different approach and is designed to share creative solutions and innovative ideas about water resources across sectors and disciplines. **Information at:** <http://www.nebc.org/content.aspx?pageid=100>

July 13. Olympic Chapter Summer Rooftop Mixer. Seattle. Summer- Finally! This means it's time for NEBC's Annual Rooftop Mixer! Savor delicious hors d'oeuvres, sip a cool beverage and relax with friends, colleagues and NEBC members for this fun event. Unwind in the park-like setting of the K & L Gates 7th floor rooftop patio. Gaze out at the ferries crossing the Sound to the west, Mt. Rainer to the southeast and leave the traffic jams to someone else this evening. This annual event is a perfect opportunity to meet new members and network with potential partners. Registration includes a drink ticket and hors d'oeuvres.

July 20. NEBC Annual Golf Tournament. Portland. New Golf Course! New Lower Price! NEBC Annual Golf Tournament has moved! Glendoveer Golf Course, 14015 NE Glisan is the site of this year's tournament. We'll be teeing off on the East Course, considered the most demanding because of its length and tight, tree-lined fairways. But not to worry, a shotgun start and playing best ball this tournament is designed for all levels – whether you are up on your game or a duffer. Not a golfer, then join us for the BBQ before the tournament! We'll be enjoying lunch next door at the RingSide Steakhouse before teeing off at 1:30pm.



November 8 & 9. Business & the Environment Conference & Trade Show Portland.

Business and The Environment 2011 Conference & Trade Show: From Risk Management to Competitiveness. **The conference for today's environmental & operations managers.** For fifteen years, Northwest Environmental Business Council (NEBC) has hosted an environmental solutions trade show that has grown into the largest event of its kind in the Northwest. As part of the new **BUSINESS & THE ENVIRONMENT CONFERENCE** and its expanded content, sponsors and exhibitors will gain access to a broader range of conference attendees than ever before. The educational component of the conference goes beyond environmental compliance to include areas of current interest to the business sector that also relate to profitability and competitiveness. While regulatory compliance is the cornerstone of environmental management, other operational elements such as energy efficiency, waste minimization, and product stewardship not only benefit the environment but also directly contribute to reducing costs, increasing profitability, and enhancing competitiveness. The **BUSINESS & THE ENVIRONMENT CONFERENCE** brings these elements together to help companies thrive in today's economy. [Back to top](#)

Industry Events

May 23. Webinar. Opportunities in Australian Water and Wastewater. An informational industry webinar offering a chance to listen to colleagues in Australia talk about the industry there, with opportunity to ask questions. Then, is a trade mission Sept. 12-15, that will give US companies an opportunity to travel with a group

to explore and expand the Australian Market. To register for the webinar see:

http://www.export.gov/eac/show_detail_trade_events.asp?EventID=32144&InputType=EVENT

(or see www.export.gov, search opportunities, trade events, view searchable list, Australia and the webinar will come up under May) For information about the trade mission see:

<http://www.export.gov/trademissions/australiawater>. If you have any questions contact Lisa Huot directly at australiawatermission@trade.gov or phone 1-202-482-2796

June 27-29. 2011 AWRA Summer Specialty Conference. Integrated Water Resources Management: The Emperor's New Clothes or Indispensable Process. <http://www.awra.org/meetings/Summer2011/> The 2011 AWRA Summer Specialty Conference, "Integrated Water Resources Management: The Emperor's New Clothes or Indispensable Process," is designed to define Integrated Water Resources Management (IWRM), to examine how it works in actual practice, and to explore it from both U. S. and International perspectives. Federal, state, and local officials will discuss how their organizations are implementing or planning to implement IWRM. Presenters both from the U. S. and internationally will discuss appropriate approaches for IWRM and how well it works in practice. They will provide case studies of IWRM, and address whether water can be managed cost effectively and sustainably without an integrated approach. Among other questions addressed will be "Is IWRM applicable to ground water systems", and "How are IWRM and adaptive management related?"

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May 24 - 26. Environmental Negotiations for Scientists and Resource Managers. Helena, MT. This workshop provides attendees with improved skills for effective participation in environmental negotiations. Environmental negotiations are often more complex due to their technical and regulatory intricacy, interest from many parties, and the emotional nature of parties involved. This workshop presents basic negotiation concepts, specific environmental applications, and principled (ethical) negotiation approaches for building trust and relationships.

[Register Online.](#)

June 7. Introduction to Managing Environmental Data with Microsoft Access 2007. Sacramento, CA Participants will gain basic to intermediate skills in using Microsoft Access 2007 to build relational databases for managing and mining their environmental data. This comprehensive class uses extensive hands-on exercises for in-depth use of tables, queries, forms, reports, and macro objects in Access 2007. These Access database subjects use real-world environmental examples with actual field data. [Register online.](#)

June 7. National Environmental Policy Act (NEPA): Writing the Perfect EA/FONSI, or EIS. Boise, ID. This training course will present the National Environmental Policy Act (NEPA) practitioner with a set of practical skills for preparing either an Environmental Assessment (EA) / Finding of No Significant Impact (FONSI) or Environmental Impact Statement (EIS) and includes all the required content, as well as practical skills for safely leaving out unnecessary content. NEPA lessons will come from various project examples. [Register online.](#)

June 9. Managing Environmental Data with Microsoft Access 2007. Sacramento, CA. This is the second course in a 2-part series Managing Environmental Data with Microsoft Access 2007 (COMP-401 and 402). In the first class, COMP-401, students learn the basic elements of constructing queries, forms, macros and reports. In this portion, they will build on those skills by creating end-user application examples that bring the newly learned elements together. Access analytic tools, PivotCharts, and PivotTables will be introduced, and an SQL primer will be included. [Register online.](#)

June 14. Certified Erosion and Sediment Control Lead. Issaquah, WA. This exciting course examines the most up-to-date techniques in the management of sediment and construction sites. Students who attend can receive their Certified Erosion and Sediment Control Lead Training Certification (CESCL) from the Washington State Department of Ecology. This 2-day course is a dynamic interaction between the traditional lecture classroom style and hands-on exercises that will take place throughout. These exercises allow each student to practice choosing and correctly installing mats, blankets, check dams, bonded fiber matrix, straw, and other erosion control techniques for various site locations. [Register online.](#)

June 15. Introduction to ArcGIS10 and Environmental Applications. Olympia, WA. This 3-day hands-on class introduces participants to the environmental applications of ESRI's ArcGIS 10 software. The course will build upon a discussion of general concepts and vocabulary to form a comprehensive overview of ArcGIS 10's

functions and uses in the environmental field functionality. Each participant will use their own computer workstation to create, edit, and analyze real world environmental data during hands-on exercises. Participants will also have an opportunity to expand their skills by applying their knowledge to more complex and in-depth projects. [Register online.](#)

June 16. Low Impact Development: Stormwater Management for Sustainable Design and Water Efficiency. Olympia, WA. This course provides an overview of low-impact development approaches and resources for building industry professionals. Low Impact Development (LID) is an alternative, systems-level approach to conventional stormwater management. Critical for the Pacific Northwest where water quality and salmon habitat protection are key issues, LID offers opportunities for sustainable site design and water efficiency. [Register online.](#)

June 22. Introduction to the Model Toxics Control Act. Seattle, WA. The objective of this one day workshop is to introduce environmental consultants, federal, state and local government staff, and members of the general public to Washington's Model Toxics Control Act (WAC 173-340). This workshop will provide an overview of the MTCA administrative requirements and associated cleanup standards. Participants will also learn the MTCA remedy selection process and public involvement requirements. [Register online.](#)

June 23. Establishing Soil, Groundwater, and Surface Water Cleanup Under the Model Toxics Control Act. Seattle, WA. This course provides attendees with an in-depth understanding of the procedures for establishing cleanup levels and points of compliance under the Model Toxics Control Act (WAC 173-340). The course covers procedures for establishing cleanup levels using Methods A, B, and C for groundwater, surface water and soil, as well as an overview of recent rule revisions related to dioxins/furans, PCBs, and carcinogenic PAHs. Additionally, the terrestrial ecological evaluation process to soils at sites will be covered. [Register online.](#)

June 28. Environmental Negotiations for Scientists and Resource Managers. Olympia, WA. This workshop provides attendees with improved skills for effective participation in environmental negotiations. Environmental negotiations are often more complex due to their technical and regulatory intricacy, interest from many parties, and the emotional nature of parties involved. This workshop presents basic negotiation concepts, specific environmental applications, and principled (ethical) negotiation approaches for building trust and relationships. [Register online.](#)

July 13. Introduction to the California Environmental Quality (CEQA). Sacramento, CA. This workshop provides an applied overview of the California Environmental Quality Act, with an emphasis on the process and technical requirements of environmental impact assessment. The course will begin with a brief background on environmental impact assessment in the U.S. and of CEQA's regulatory context, followed by an overview of various approaches used in scoping and preparing environmental impact assessments under CEQA. [Register online.](#)

July 13. Mercury Effects on Human Health. Seattle, WA. Both organic and elemental mercury create a wide spectrum of human health concerns. Mercury spills cost public and private entities millions of dollars a year in cleanup and health care costs. This series of courses addresses concerns mercury causes by providing participants with a foundation in the science of environmental mercury and presents solutions for mitigating the impacts of this ubiquitous contaminant. [Register online.](#)

July 14. Mercury Effects on Ecosystems. Seattle, WA. Both organic and elemental mercury create a wide spectrum of ecological concerns. Statewide advisories for mercury in fish exist in dozens of states across the United States. This series of courses addresses concerns mercury cause by providing participants with a foundation in the science of environmental mercury and presents solutions for mitigating the impacts of this ubiquitous contaminant. [Register online.](#)

June 15. Introduction to ArcGIS10 and Environmental Applications. San Francisco, CA. This 3-day hands-on class introduces participants to the environmental applications of ESRI's ArcGIS 10 software. The course will build upon a discussion of general concepts and vocabulary to form a comprehensive overview of ArcGIS 10's functions and uses in the environmental field functionality. Each participant will use their own computer workstation to create, edit, and analyze real world environmental data during hands-on exercises. Participants

will also have an opportunity to expand their skills by applying their knowledge to more complex and in-depth projects. [Register online.](#)

July 19. Writing Policies and Procedures. Salem, OR. Clear, concise, and current policies and procedures save time and money, reduce confusion and liability, and stabilize staff action despite turnover. In this two-day workshop, any staff member will learn to write rules and directions that people can understand and use. The course prepares participants to think through policies and procedures, task outlines more effectively, and write them in a more readable style. Come learn the most popular format for policy and procedure writing in Washington State - adopted by various state agencies, counties, cities, and corporations. [Register online.](#)

July 21. Erosion and Sediment Control Lead Re-Certification Training. Issaquah, WA. This exciting course examines the most up-to-date techniques in the management of sediment and construction sites. Students who attend will receive re-certification of their Certified Erosion and Sediment Control Lead Training Certification (CESCL) status from the Washington State Department of Ecology. Participants will also benefit from a dynamic interaction between traditional lectures and hands-on exercises. The course covers the essentials of being a certified lead and includes information on how new regulations will impact CESCL job functions. Upon completion, students will know how to simply and confidently comply with federal, state, and local regulatory requirements of stormwater management. [Register online.](#)

July 26. EPA's Unified Guidance: Statistical Analysis of Groundwater. Portland, OR. This course discusses the core elements of the EPA's first major revision to its groundwater statistical guidance in almost 20 years. Presented by the primary author of the revision, this course will showcase new features of the guidance, as well as recommended changes to current statistical practice. In addition to reviewing the design and evaluation of statistical programs for groundwater monitoring, participants will also learn the benefits of checking their assumptions in order to run the most effective statistical tests. [Register online.](#)

July 26. Freshwater Fish Identification Morphology, Biology and Ecology. Sacramento, CA. This course provides basic training in the identification of juvenile and adult freshwater fish populations found in California. Beginning with an overview of ecological principles, the course will then incorporate morphology, habitat preferences, and traditional identification methods (e.g., dichotomous keys) into the positive identification process of native and introduced fish species living in the region. Participants will gain two days of in-class identification experience as well as an opportunity to collect and identify fish in the field during scheduled field visits. [Register online.](#)

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Employment Opportunities

Find full listing at the NEBC Jobs Board – www.nebcjobs.org

Job Title:	Employer:
Construction Project Manager <i>Portland, OR - Full Time</i>	Waste Management
Director of Residential Energy Efficiency Programs <i>Portland, OR - Full Time</i>	ECOS
Eastern Region Technical Sales Manager <i>Greater Philadelphia, All States - Full Time</i>	CETCO
Engineer II <i>Portland, OR - Full Time</i>	Waste Management
Intermediate Environmental Engineer <i>Seattle, WA - Full Time</i>	AMEC Earth & Environmental
Lab Analyst <i>Auburn, WA - Full Time</i>	Med-Tox Northwest

[Mid- and Senior-level Engineers](#)

Seattle, WA - Full Time

Integral Consulting Inc.

[Project Manager](#)

Issaquah, WA - Full Time

Farallon Consulting, L.L.C.

[Renewable Energy Summer Internship](#)

Portland, OR - Seasonal - Full Time

Renewable Northwest Project

[SEDIMENT QUALITY SPECIALIST](#)

Seattle, WA - Full Time

Hart Crowser, Inc.

[Senior Ecological Risk Assessor](#)

Annapolis, MD - Full Time

Integral Consulting Inc.

[Senior Engineer](#)

Issaquah, WA - Full Time

Farallon Consulting, L.L.C.

[Toxicologist/Public Health Scientist](#)

Annapolis, MD - Full Time

Integral Consulting Inc.

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