



DEPARTMENT OF TOXIC SUBSTANCES CONTROL
REGISTERED ENVIRONMENTAL ASSESSOR
(REA) NEWSLETTER
September and October 2010

Hello REAs!

In this quarterly issue of the REA E-News, the California Department of Toxic Substances Control (DTSC) features news, useful Web sites, training and information on upcoming events.

We want to hear from you! Please contact us with any comments or ideas you have about the REA E-News (what you like and do not like), the REA Program in general, or suggestions on how we can better assist you. Your input is very important to us and we hope you will let us know how we are doing by completing our survey online at the link below.

<http://www.surveykey.com/s.cfm?SID=6D4AFF43-FF9E-87C0-4BA41DB83A4DDF51>

*****IMPORTANT INFORMATION*****

Please note that the five-year renewal process and payment of the annual registration fee are two separate elements of the Registered Environmental Assessor (REA) Program.

THE FIVE-YEAR RENEWAL: You must complete the five-year application for the renewal of your REA registration every five years from the date of your initial registration. There is a \$50.00 application processing fee. This applies to both the REA I and II.

THE ANNUAL REGISTRATION FEE: Payment of your annual registration fee will be processed separately from your application for the five-year renewal. Upon payment of your REA registration fee, you will receive a new ID card even if your five-year renewal is pending. Please note, however, that you are still required to complete the five-year renewal process in order to maintain your registration. This applies to both the REA I and II.

Please remember to verify your contact information and update us with any changes at [REA Online Update Form](#) or send changes to REA_Mailbox@dtsc.ca.gov

Please Note: REA Program does not participate in Facebook or LinkedIn internet connections. The Program is short staffed and the internet is time consuming.

Note: We use Pacific Time for upcoming events.

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**DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC)**

**Hazardous Waste Management In California:** The course will cover the following topics: Waste identification; hazardous waste generator standards; container and tank standards; preparedness, prevention and training plans; transportation; onsite treatment; recycling in

California; universal waste rule standards; pollution prevention and best environmental practices: Senate Bill 14 (SB 14) ; basic hazardous waste inspection, and six steps for sustainability. Class held September 15 from 9 A.M. to 3:30 P.M. Cost: \$99.00

**Regulatory Requirements & Pollution Prevention For Dry Cleaners:** At the conclusion of this training you should have a general understanding of the definition of waste and hazardous waste, know the basic hazardous waste generators requirements and be able to apply information to your workplace, know the basic concept of pollution prevention and solvents alternatives and know where to go for more information. Class held October 7 from 6 to 7 P.M. Cost \$45.00.

**Hazardous Waste Regulations & Pollution Prevention Practices For Auto-Body & Paint Shops:** Topics include: Common hazardous wastes in auto body & Paint shop; Hazardous waste generator standards; Transportation; and Onsite treatment. In addition, find strategies to reduce waste and emissions generated by shop activities in this training: Hazardous Waste Guidance; Paint Gun Cleaning; Sanding Waste Management; Solvent Recycling; Wastewater Management; and Waterborne Coatings. Class held October 13, from 6 to 9 P.M. Cost \$45.00.

**PCB Waste Management In California:** This course illustrates PCB waste and PCB-contaminated equipment that are subject to California and federal regulations. It includes best practices of PCB waste streams. Class held October 14, from 6 to 8 P.M. Cost \$45.00.

**Universal And Electronic Wastes:** Do you know the Department of Toxic Substances Control latest regulations? Attend this seminar and learn how your company can stay in compliance. Learn an overview of universal waste standards in California and managing electronic wastes; used mercury-containing materials; used aerosol cans; spent batteries and other universal wastes. The overview will provide in depth information on universal waste rules standards and the best environmental practices. October 20, from 6 to 8 P.M. Cost \$45.00.

**Note:** All classes will take place at the LA/OC Environmental Training Center, 1830 W. Romneya Drive, Anaheim, CA 92801. Parking: \$2.00. Instructor: Nabil H. Yacoub, Ph.D., REA-I, Sr. Hazardous Substances Scientist, Regional Pollution Prevention Liaison California EPA/DTSC.

**Green Chemistry through the Lens of Public Health:** Dialogue about positive impacts of green chemistry on public health costs. Workshop will take place at the CSU Fullerton, Fullerton, CA on September 1. (Brown-Bag series event)

**Future of Bio-Based Chemicals: From Inception to Marketplace:** Maziar Movassaghi, Acting Director of DTSC will give a featured presentation on “Green Chemistry” at the Future of Bio-Based Chemicals conference that will be held this year in San Francisco, CA on September 13-14, sponsored by GTCbio. For more information visit [www.gtcbio.com](http://www.gtcbio.com)

**Life Cycle Analysis Workshop:** Fundamentals and practical applications of life cycle analysis. Workshop will take place at CSU Monterey Bay, Monterey, CA on September 23, 10 A.M. to 3 P.M. (Brown-Bag series event)

**Alternatives Analysis Symposium III - Case Studies from the Field:** DTSC will present the last of three symposiums on conducting alternatives analysis. This symposium reviews practical applications of alternatives analysis from the perspective of the fragrance industry and manufacturers of personal products. Conference will take place in the Byron Sher Auditorium at the CalEPA Building, 1001 I Street, Sacramento, on September 30 from 9 A.M. to 5 P.M. Free Public Event.

For more information on all three events contact: Sarah Sol at (916) 324-1327 or e-mail: [ssol@dtsc.ca.gov](mailto:ssol@dtsc.ca.gov) or visit the web site below.

<http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistryInitiative/Calendar.cfm>

**Public Workshop on State and Federal Nanomaterial Activities:** On September 22, DTSC, University of California, Los Angeles (UCLA) and U.S. EPA are sponsoring a workshop to discuss the following: the results of the carbon nanotube information call-in, future activities by DTSC on nanomaterial call-ins, and U.S. EPA efforts related to carbon nanotubes and future regulatory plans for nanomaterials. About 175 invitation letters were sent out to potential manufacturers and/or importers of carbon nanotubes, nanometals, nanometal oxides, quantum dots, and intergovernmental organizations. The event will take place at U.S. EPA, Region 9 in San Francisco. The workshop previously scheduled for August 13 has been moved to September 22. For more information, please see the link below.

<http://www.dtsc.ca.gov/TechnologyDevelopment/Nanotechnology/UpcomingSymposium.cfm>

**Nanotechnology VI Symposium - Progress in Protection:** DTSC and UCLA's Center for the Environmental Implications of Nanotechnology is co-sponsoring a full-day symposium at UCLA. Nanotech VI builds upon topics discussed at DTSC's previous Nanotechnology Symposia while emphasizing occupational safety and health concepts, which are key in reducing potential risks posed by Engineered Nanomaterials (ENM) to workers and the environment. Conference will take place at 570 Westwood Plaza Building 114, Los Angeles. Symposium held October 13, from 8 A.M. to 5 P.M. Contact: Frank Parr e-mail: [fparr@dtsc.ca.gov](mailto:fparr@dtsc.ca.gov) phone number: (818) 717-6592.

For details and more information visit the website: <http://events.cnsi.ucla.edu/nano6/pages/>

**DTSC Events Calendar:** Click on the link below and select an event type to find dates, times, and links to additional information on events.

Web site: [DTSC Calendar](#)

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## **CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)**

**Federal Regulations Seminars Las Vegas, Orlando and Virginia Beach:** This 2-day seminar covers all the major Federal EPA environmental laws and regulations under the Clean Water Act, the Clean Air Act, RCRA, CERCLA (Superfund), and Emergency Planning and

Community Right-to-Know (EPCRA). The seminar also includes topics on Enforcement, How to Manage an EPA Inspection, ISO14000 and How to Performance an Environmental Audit. The seminar will take place in [Las Vegas \(October 4-5, 2010\)](#).

**CST109: Basic Inspector Course:** This classroom introductory course is designed for new federal, state, local, and tribal environmental inspectors, and meets the training requirement under EPA Order 3500.1. The course provides an overview of all aspects of inspection preparation, conduct, and follow-up and various federal environmental laws and regulations. Course will take place at the Environmental Protection Agency, Region 3, in the Shenandoah Room, 4th floor, 1650 Arch Street, Philadelphia, PA 19103-2029 on September 21-23 from 8:30 A.M. to 5 P.M. Contact Phone: (215) 814-5472. [Register](#)

For information on courses offered in the upcoming months visit the web site below.

Web site: [Course Schedule](#)

Cal/EPA Webcast Meetings Web site: [Cal/EPA Live Webcast](#)

**Cal/EPA Environmental Complaint Form:** If you have observed an activity, physical evidence of an activity, or have knowledge of what you think may be a possible illegal act or unauthorized release in California that has caused harm or damage to human health or environment, Cal/EPA wants to know about it. Use the Environmental Complaint Form in the link below to file a complaint with Cal/EPA.

Web site: [Cal/EPA Complaint Form](#)

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## **STATE WATER RESOURCES CONTROL BOARD (SWRCB) & REGIONAL WATER QUALITY CONTROL BOARDS (RWQCBs)**

**CWEA Northern Regional Training Conference:** This workshop is designed for laboratory and operations staff to cover wastewater treatment process chemistry and microbiology, focusing on pH, Total Suspended Solids, Settleable Solids, Biochemical Oxygen Demand, Chemical Oxygen Demand, nitrate, nitrite, alkalinity, volatile acids, SVI, SV30, coliform, and other common wastewater/lab parameters from both a laboratory and operations perspective. Basic analytical procedures will be reviewed followed by discussions of what the analytical data means to plant operations and troubleshooting. Conference will take place at the Modesto Convention Center in Modesto, CA on September 15-17.

For more information click on [Full Conference Brochure](#) and to [Register Online Now](#)

**Dam Safety 2010 Conference:** One of the leading conferences in the US dedicated to dam safety engineering and technology transfer. Dam Safety 10 will be held on September 19-23 at the [Washington State Convention and Trade Center](#) in Seattle, Washington. [Registration](#)

**OCEANS 2010 Conference - Marine Technology Society (MTS) Seattle:** This is a major international forum for scientists, engineers, and responsible ocean users to present the latest research results, ideas, developments, and applications in Oceanic Engineering and Marine Technology. Seattle's OCEANS 2010 features tutorials on special interest topics, a comprehensive technical program of lectures and presentations, a student program, and a large exhibit hall with products from over one hundred companies. Conference is held at the Washington State Convention and Trade Center on September 20-23. For more information, email us at: [info@oceans10mtsieeseattle.org](mailto:info@oceans10mtsieeseattle.org) or visit the web site below.

Web site: [Oceans '10 – MTS/IEEE SEATTLE](#)

**The 5<sup>th</sup> International Conference on Scour and Erosion (ICSE):** The ICSE has become a respected event in the technical conference calendar for engineers, scientists, decision makers and administrators providing services in the areas of scour and erosion. Its importance and reputation was established by the technical successes of the first four conferences. Conference held in San Francisco on November 7-10. For more information and to register visit the web site below.

Web site: [5th International Conference on Scour & Erosion](#)

**The 2010 CASQA Stormwater Conference:** Welcome to the stormwater oasis in the desert, the theme for this year's conference is: "Rethinking Stormwater: Creative Solutions to Complex Problems." The conference will offer a full program of training workshops, presentations, and exhibits for holders of municipal, industrial, and construction NPDES stormwater permits. The conference will take place at the [Westin Mission Hills](#) located at 71333 Dinah Shore Drive, Rancho Mirage, 92270 on November 1-3. Click [here](#) for map and transportation information. [Register Now!](#) and [online event registration](#)

For information on upcoming conferences: [www.cwea.org/conferences](http://www.cwea.org/conferences).

For information on CWEA events: <http://www.cwea.org/> or <http://wordpress.cwea.org/>

**Online Stormwater BMP Courses:** Office of Water Program (OWP) is now offering new courses based on the Stormwater Best Management Practice (BMP) Handbooks. Each course consists of two components, the CASQA BMP Handbook and course enrollment. Enrollment includes a study guide on CD-ROM, and access to the final exam. Two continuing education units (CEUs) will be awarded for passing each final exam. A certificate will be issued for each completed course.

Online Stormwater BMP Courses Web site: [Office of Water Programs](#)

For information on SWRCB and RWQCB meetings and activities, visit the web site below.

Web site: [http://www.waterboards.ca.gov/board\\_info/agendas/](http://www.waterboards.ca.gov/board_info/agendas/)



## AIR RESOURCES BOARD (ARB)

**Course #202 - Health and Safety:** Field inspections involve a certain degree of risk. Inspections of waste water treatment plants, manufacturing plants, laboratories and mines are each associated with various hazards. A safe field inspection depends on the recognition, evaluation and control of hazards. Cal/OSHA regulations and established safety policies are continually being updated. This course and the manual have been assembled as a "hands-on" tool for all personnel conducting field activities.

Course dates: [09/21/2010](#) [10/05/2010](#) [10/06/2010](#) [10/20/2010](#) and [Register Online](#)

**Course #272 - Stationary Gas Turbines:** The course discusses uses of gas turbines, fundamentals of operation of modern turbines with emphasis on state-of-the-art controls to achieve some of the lowest emission concentrations for this source category. The course also discusses combined cycles with HRSG units, steam turbines and power generation. This is followed by a detailed discussion on emissions and control techniques such as Dry Low-NOx combustors with staged combustion, water or steam injection followed by SCR and CO catalysts. Applicable federal and local BACT regulations, permitting requirements, and agency inspection procedures and safety concerns are thoroughly discussed. Contact: Mathew O'Donnell at (916) 327-2977 or [modonnel@arb.ca.gov](mailto:modonnel@arb.ca.gov)

Course dates: [09/22/2010 - 09/23/2010](#) [10/13/2010 - 10/14/2010](#) and [Register Online](#)

Web site: [Air Pollution Seminar Series](#)

For more information on ARB classes, training, and workshops visit the web sites below.

Web site: [ARB Training](#) ARB [Courses](#)

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## DEPARTMENT OF PESTICIDE REGULATION (DPR)

[Air Monitoring Network](#) - DPR plans to set up a monitoring network to sample ambient air for multiple pesticides in several communities on a regular schedule, over the next five or more years. DPR will use data gathered to evaluate and improve protective measures against pesticide exposure. Public comments are requested on project objectives, pesticides to monitor, sampling plan and communities to monitor.

Comments will be accepted by e-mail at [airnetwork@cdpr.ca.gov](mailto:airnetwork@cdpr.ca.gov).

Live Webcast of upcoming meetings and workshops: (<http://www.calepa.ca.gov/Broadcast/>)

**55th Annual Conference - "Environmental Health-The Tie that Binds":** Conference held at the Bahia Hotel, 998 West Mission Bay Dr., San Diego, CA 92109, September 20-24. To make reservations visit the website [www.bahiahotel.com](http://www.bahiahotel.com) or call (800) 576-4229 or (858) 488-0551. For more information click on the agenda web site below.

AGENDA:  [2010 Conference Agenda \(22.04 kB 2010-04-05 23:02:02\)](#)

To find out what's new with DPR, please visit the web site: [What's New?](#)

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## DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY (CALRECYCLE)

**Waste Compliance and Mitigation Program Monthly Public Meeting:** These meetings will include: status of permits under consideration, an update on ongoing projects within the Waste Compliance and Mitigation Program and an opportunity for public comment on activities in general. Meeting dates September 13, October 11 and November 8 from 10 A.M. to 5 P.M. Contact: [Lynn Smith](#) Phone: (916) 341-6364. Open to the Public. \*

**Materials Management and Local Assistance Program Monthly Public Meeting:** Meetings will include 1) a review of pending decisions to be made within the following 30-60 days; 2) an update on ongoing projects and other work activities currently underway; and 3) an opportunity for public comment on activities in general. Meeting dates September 15, October 13 and November 10 from 10 A.M. to 5 P.M. Contact: [Monica Rodriguez](#) Phone: (916) 341-6500. Open to the public. \*

\*\*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

**Household Hazardous Waste (HHW) Information Exchange:** The information exchange provides a forum for the HHW and Used Oil Recycling Program grantees and associates to share program ideas, success stories, and training, and to provide input to state program staff concerning barriers to program implementation and effectiveness. Meeting will take place at the Robert J. Cabral Ag Center, 2101 E. Earhart Avenue, Ste 200, Stockton, CA 95206 on September 9 from 10 A.M. to 2 P.M. Sponsor: San Joaquin County. Contact: [Don Peri](#) phone: (916) 323-3415. Cost: \$20.00 and open to the public.

**2010 Pacific Southwest Organic Residuals Symposium:** This symposium brings together organic residuals industry professionals, municipalities, regulators, researchers and other stakeholders come together to work out the optimal management options for manures, biosolids, food wastes, green wastes, other organic residuals. Symposium held at the Sacramento Convention Center, 1400 J Street, Sacramento, on September 14, from 8 A.M. to 5 P.M. Cost: \$150.00 and open to the public. Contact: [Elena Yates](#) at (916) 341-6466. [To Register, to go UC Davis Renewable Energy System](#)

For more information on events visit the web site at: [CalRecycle Calendar](#)

LEA Training, <http://www.calrecycle.ca.gov/LEA/Training/>

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## OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT (OEHHA)

**Notice Is Hereby Given** that the Office of Environmental Health Hazard Assessment (OEHHA) proposes to add a qualifier "oral" to a specific regulatory level having no observable

effect for cadmium and amend Title 27, California Code of Regulations, Section 25805.  
[Download this notice as a pdf file here](#)

A complete, updated [Proposition 65 list is available for download as a pdf file here](#).

Web site: [Proposition 65](#)

**OEHHA News and Information Web site:** [www.oehha.ca.gov](http://www.oehha.ca.gov).

**California and the World Ocean Conference 2010 (CWO '10):** Secretary for Natural Resources Lester Snow, State Controller John Chiang, and Secretary for Environmental Protection Linda Adams invite you to participate in CWO '10. This conference is organized by the California Ocean Protection Council, California Natural Resources Agency, and California Environmental Protection Agency. This international conference will bring together representatives from government, academia, industry, and the public to share ideas and formulate action strategies for ocean protection for the 21st century. Conference will take place at the Hyatt Regency, San Francisco, CA U.S.A. on September 7-10.

For more information and to register visit the web site: [State of California](#)

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## **OTHER EVENTS, NEWS & TRAINING**

### **CA ENVIRONMENTAL EDUCATION INTERAGENCY NETWORK (CEEIN)**

**Green California Community Colleges Summit:** This Summit is focused on all aspects of this dynamic market - from green building and energy efficiency to the products and services that new green facilities will need. It also encompasses green job training - the needs of industry and the challenges of developing curriculum that meets these needs. Summit held at the Pasadena Convention Center on October 12-13. [Click here](#) for more information.

**2010 Bioneers Conference:** The Bioneers Conference is a leading-edge forum presenting breakthrough solutions for people and planet. Join us in San Rafael, CA, October 15-17 (with intensives October 14 and 18). For more information and to register [2010 Brochure](#)

**Green Festival San Francisco:** Welcome to the San Francisco Green Festival®, a joint project of [Global Exchange](#) and [Green America](#). As a fledgling in 2002, San Francisco started with only 50 speakers and a handful of special events. In 2009, the San Francisco Green Festival® boasted 3 days filled with the best in green, and continues to expand in size and scope! With more than 150 renowned speakers and 400 green businesses, this event was an amazing success. Festival held November 6-7 at the San Francisco Concourse Exhibition Centre, 635 8th Street (at Brannan St) San Francisco, CA 94103.

For more information visit the web site: [Green America/Global Exchange](#)

The California Environmental Education Interagency Network (CEEIN) information has moved and can be found on the California Department of Education's Web Site at <http://www.cde.ca.gov/pd/ca/sc/oeceeein.asp>.

## THE NORTHWEST ENVIRONMENTAL TRAINING CENTER

**Greenhouse Gas Analysis and Regulations in California:** This class is designed to provide participants with the knowledge and skills needed to develop a CEQA/NEPA-level analysis of a project's effects on climate change, as well as any potential effects of climate change on the project itself. Course is held at the Tsakopoulos Library Galleria - Sacramento Public Library, 828 I Street Sacramento. Course ID: CAPOL-403, September 21-22, at 8:30 A.M. to 5 P.M.

For more information on course and to register visit web site link: [Description](#)

For more information on courses visit the web site: [Course Catalog](#)

## MIDWEST GEOSCIENCES GROUP

**Improving the Description and Characterization of Glacial Successions for Environmental and Engineering Projects:** The course provides a process for geologists and engineers to understand the nature of deposits and the secondary alterations that effect hydrogeologic and geotechnical properties, plus it applies these principles to a process that allows staff to think on their feet in the field. An Intensive Course Designed for Every Experience Level. Course held at the Mississauga Convention Center Mississauga, Ontario, located about 8 km (5 miles) from Toronto Pearson International Airport. September 1-2, (Register for Day One or Both Days) Continuing Education Units (CEUs): 16 Contact Hours (1.6 CEUs). For more information visit the web site below.

Web site: <http://www.midwestgeo.com/courses/glacial2010.php>

**Assessing Ground Water Movement and Contaminant Migration through Aquitards:** Comprehensive Characterization of Low-Permeability Units "The Aquitard Course" an intensive 2-day course dedicated to environmental, engineering, and water resources projects. Apply this course to any low-permeability setting. Conference held at the Holiday Inn and Suites Conference Center, Bloomington, Minnesota, located between the MSP International Airport and the Mall of America, September 14-15 in Minneapolis, Minnesota. For more information visit the web site below.

Web site: <http://www.midwestgeo.com/courses/aquitard2010.php>

**Aquifer Testing for Improved Hydrogeologic Site Characterization:** Featuring AQTESOLV and the In-Situ Level TROLL, Fort Collins, Colorado on October 5-6. For more information visit the web site below.

Web site: <http://www.midwestgeo.com/courses/aquifer2010-ftcollins.php>

For complete schedule of upcoming courses visit the web site below:

Web site: <http://www.midwestgeo.com/upcomingcourses.php>

## CALIFORNIA COMMUNITY COLLEGES

**8 Hour Hazwoper Refresher:** Required for those who have completed a 40-Hour or 24-Hour OSHA training and want to remain certified. This seminar will include lectures, table top exercises, and hands-on activities. Class held at 3000 Mission College Blvd, Santa Clara, CA. Room S3-401, on September 3 and November 4. On October 13 at 3200 Freedom Park Drive, Suite 100, McClellan, CA 95652. All three classes 8 A.M. to 4:30 P.M. Fee is \$140.00.

**40 Hour Hazwoper:** A 40-hour course providing federal and state certification for those who work with hazardous waste in any phase from management, operations, emergency response team or trainers, and site clean up. This course satisfies the requirements for generalized employee training under the OSHA 1910.120 and State of California regulation 5192 Title 8. Class held at 3000 Mission College Blvd, Santa Clara, CA. Room S3-401, on *September 3, 10, 17, 24 and October 1 (Must Attend All Four Dates.* Fee is \$510.00.

**SEMS/ICS/NIMS:** This class will provide attendees with the SEMS /ICS/NIMS compliance training for state and public agency employees. This training is mandated by (FEMA) Federal Emergency Management Agency, (DHS) Department of Homeland Security and (CalEMA), California State Emergency Management Agency as per the Homeland Security Presidential Directive 5. And the California Emergency Act. Class held at 3000 Mission College Blvd, Santa Clara, CA, Room W3-501 on October 7. Fee \$110.00

For All classes contact: Michael Hall at (408) 855-5584 or e-mail at [mike.hall@wvm.edu](mailto:mike.hall@wvm.edu)

To register click on link [www.gcccd.edu/ce/](http://www.gcccd.edu/ce/) then, click WebAdvisor under News & Updates.

For more information on scheduled classes visit the web site: [www.envtraining.org/calendar](http://www.envtraining.org/calendar)

**UC DAVIS EXTENSION:** UC Davis Extension offers Environmental Health and Safety and also Environmental Management courses, such as: Health and Safety Training for Hazardous Waste Workers; Clandestine Drug Lab Cleanup – a HAZWOPER Supplement; Toxic and Environmental Laws and Regulations; Environmental Management Systems – An Overview; Hazardous Materials Transportation; Environmental Planning and Site Analysis; and Dynamics of Risk Communication.

**Energy and New Uses of Organic Residuals Conference:** Conference brings together organic residuals industry professionals, municipalities, researchers and other stakeholders to identify and help realize options that provide the greatest ecological and municipal benefits for manures, biosolids, food wastes, green wastes and other organic residuals. Discover options that serve to reduce greenhouse gas emissions, provide local sources of fuels and fertilizers, help restore soils, ensure food safety, and protect public health and ecosystems. Conference held at the Sacramento Convention Center, 1400 J Street, Sacramento on September 14-15 at 8 A.M. to 5 P.M. For more information and details visit the web site below:

Web site: [Energy and New Uses of Organic Residuals Conference](#)

**Groundwater Law and Hydrology:** This course is essential for anyone working in the water resources field today. Effective problem solving and management in the groundwater context require an understanding of the legal principles and the physical characteristics of groundwater. Discussions of groundwater management in California abound with terms such

as "piecemeal," "fragmented" or "chaotic." Class held at the Da Vinci Bldg, 1632 Da Vinci Court, Davis. On October 13 from 9 A.M. to 5 P.M. Fee \$120.00. [Map](#)

[Enroll Now](#)

**Solar Thermal Energy Systems Design:** Interest in solar thermal energy is on the rise. Learn the fundamentals of designing and installing these power systems for residential and commercial applications and work in teams to design a solar thermal energy system. Class held at the Sutter Square Galleria, 2901 K Street, Sacramento, starts October 19 through December 14 from 8 A.M. to Noon. Fee \$545.00. Required textbook: Planning and installing Solar Thermal Systems. [Buy this book from the UC Davis Bookstore.](#)

[Enroll Now](#)

**Sustainable Transportation:** The EPA estimates nearly 40 percent of California's greenhouse gas emissions are the result of transportation. Mandates adopted in recent years calling for significant reductions in greenhouse gas emissions by 2020 and 2050 have focused new attention on the need to reduce emissions from transportation. Take a closer look at the non-technological strategies communities are pursuing to develop transportation systems that provide long-term sustainability. The course starts with an introduction to sustainability and how it applies to transportation. Course held at the Sutter Square Galleria, 2901 K Street, Sacramento, on October 25 from 9 A.M. to 4:30 P.M. Cost \$290.00.

[Enroll Now](#)

For inquiries email: [extension@ucde.ucdavis.edu](mailto:extension@ucde.ucdavis.edu)

For information on upcoming classes visit the web site: [UC Davis Extension Areas of Study](#)

**Spring 2010 offerings at our Cupertino and Silicon Valley campuses:** UCSC Extension offers courses and full certificate programs to meet the needs of new and experienced EH&S professionals. Contact: E-mail [program@ucsc-extension.edu](mailto:program@ucsc-extension.edu) or call (408) 861-3860.

**Hazardous Waste Handling and Awareness:** Businesses that store or use hazardous materials must provide annual training for all employees in the safe and proper handling of hazardous waste under Title 22, Section 66265.16, California Code of Regulations. This specific training program was designed to meet the personnel training in hazardous waste management requirement in the California Code of Regulations. Class held at the UCSC Extension in Silicon Valley, 2505 Augustine Drive, Santa Clara, CA 95053, on October 28 from 9 A.M. to 5 P.M. Instructor: David J. Keenan, B.S. Phone: (408) 861-3700.

For Spring and Fall 2010 courses visit the web site at: [www.ucsc-extension.edu/ehs](http://www.ucsc-extension.edu/ehs)

[How to Enroll](#)



## **NEED TO VERIFY THE STATUS OF A LICENSED GEOLOGIST OR GEOPHYSICISTS?**

Please click the link below to search the Board for Geologist and Geophysicists' directory of licensees.

Web site: [California Board for Geologists and Geophysicists](#)

*REA E-News, September 2010*