



U.S. Environmental Protection Agency
Pacific Southwest / Region 9



Serving Arizona, California, Hawaii, Nevada, the Pacific Islands and 148 Tribes

Land Division
Tribal Section • May 2017

75 Hawthorne Street, San Francisco, CA 94105
866-EPA-WEST • www.epa.gov/region9

U.S. EPA Pacific Southwest Tribal Section Newsletter

2017 Spring RTOC



EPA hosted the Spring RTOC meeting on May 3 and 4. We welcomed more than 100 tribal representatives and engaged in vibrant discussions on a variety of topics, including solid waste, pesticides, and drinking water needs. For a complete set of materials from the week's proceedings: www.epa.gov/tribal/spring-2017-rtoe-meeting-materials.

EPA's Monthly Fish and Shellfish Program Newsletter

For the latest edition of the EPA's monthly Fish and Shellfish Program Newsletter: www.epa.gov/sites/production/files/2017-05/documents/april_newsletter_final_formatted.pdf.

This newsletter highlights current information about fish and shellfish. It provides a snapshot of recent advisories, federal agency activities, publications, awarded research, and future meetings and conferences. This issue generally focuses on tribal issues associated with fish and shellfish.

If you would like to be added to the email distribution list, please contact **Sharon Frey**, Office of Science and Technology, Office of Water, (202) 566-1480, frey.sharon@epa.gov.

Upcoming Opportunities

Funding and Technical Assistance Opportunities

Funding for Energy Storage Systems with Old Diesel Generators

Under the EPA's Diesel Emission Reduction Act (DERA) Clean Diesel National Grants Program, EPA currently has grant funding available for downsizing or scrapping existing diesel generators and replacing them with renewable energy storage systems. This Request for Proposals (RFP) was just released; applicants have until **June 20, 2017** to apply for these competitive DERA grant funds. Please note that state, local or tribal governments or nonprofits must apply directly, though grant funds may be subgranted to private entities, such as a project developer.

In addition, the Volkswagen Clean Air Act settlement includes a \$2.7 billion environmental mitigation trust to reduce diesel emissions. Similar renewable energy storage systems may be eligible for these funds, where diesel generators are currently being used as an electricity source. This fact sheet provides additional information on these two funding sources: www.westcoastcollaborative.org/files/outreach/epa-renewable-energy-storage-dera-funding-2017-04-18.pdf.

In the past three years, EPA provided grants for utility-scale Photovoltaic battery storage microgrids in American Samoa, one of our U.S. Territories, including this [Solar City/Tesla microgrid project](#) under a similar DERA grant.

For more information, please contact **Trina Martynowicz** at martynowicz.trina@epa.gov.

Using IPM to Control Bedbugs in Tribal Communities Webinar

This webinar is a collaboration between U.S. EPA Region 9 and the Institute for Tribal Environmental Professionals (ITEP). Experienced presenters will share their experiences about using Integrated Pest Management to Control Bedbugs in Tribal Communities. Participants will learn:

- How effective are conventional methods vs Integrated Pest Management (IPM) used against bedbugs
- How IPM improves public health
- Specific IPM methods used to control bedbugs
- How IPM has been implemented in tribal communities

Presenters:

- Hilery Spray, Pesticide Circuit Rider, Winnebago Tribe of Nebraska Environmental Protection Dept.
- Ralph Jones, Environmental Health Supervisor, Gila River Indian Community Tribal Health Dept.
- Jennifer Skarada, Environmental Health Specialist, Bristol Bay Area Health Corporation
- Joe Herrera, Pesticide Specialist, Yakama Nation Environmental Management Program
- **Facilitator:** Mansel Nelson, Program Coordinator at ITEP

This webinar will be on **June 1, 2017 at 11:00 am – 12:30 pm PDT**.

Please register at: attendee.gotowebinar.com/register/1865947481169314563

For questions, please contact **Priyanka Pathak** (pathak.priyanka@epa.gov) or **Mansel Nelson** (mansel.nelson@nau.edu).

Incremental-Composite Soil Sampling

U.S. EPA, Office of Superfund Remediation and Technology Innovation:
trainex.org/offeringlist.cfm?courseid=1621&all=yes

October 26, 2017 at 8:30 AM

October 26, 2017 at 4:30 PM

U.S. EPA – Region 9

75 Hawthorne St.

Maui/Kauai Training Rooms (Rooms 1131 and 1132)

San Francisco, CA 94105

Incremental-Composite Soil Sampling is a full-day course that focuses on the theory and application of ITRC's Incremental Sampling Methodology (ISM), composite sampling designs, and hybrids of the two (Incremental-Composite Sampling, ICS). ICS hybrid designs are useful to address multiple project goals simultaneously. Since "representativeness" is a key aspect of data quality and ISM/ICS data are demonstrably more representative than most discrete data, it will be argued that ICS data are indeed "better" than non-ICS data. The course will answer questions such as:

- What is the difference between ITRC's ISM and EPA's Incremental-Composite Sampling (ICS) strategies?
- Is there written EPA guidance? What features should an ISM or ICS design have?
- Can ICS give project risk assessors the data they want, while simultaneously meeting the RPM's own data needs for characterization or remedial design?
- How are background concentrations determined and comparisons to background handled using ICS?
- How do we know whether ICS "worked" for the project?

Registration is open. Contact information for this event: **Jodi McCarty** (ICF) by telephone at (703) 251-0347 or via e-mail at jodi.mccarty@icf.com.

Groundwater High-Resolution Site Characterization (HRSC)

Hosted by U.S. EPA Office of Superfund Remediation and Technology Innovation

<https://trainex.org/offeringlist.cfm?courseid=1389&all=yes>

The Groundwater High-Resolution Site Characterization (HRSC) training course focuses on groundwater characterization and discusses (1) the impacts of subsurface heterogeneity on the investigation and cleanup of groundwater and related media, (2) the need for scale-appropriate measurements and adequate data density, and (3) the tools and strategies that are available to overcome the impacts of subsurface heterogeneity. The course addresses the following technical content:

- Defining and explaining the need for and benefits of HRSC
- Understanding the sources and attributes of subsurface heterogeneity and their impact on hydrogeology, contaminant fate and transport, and source and plume relationships
- Defining and using scale-appropriate measurements, adequate data density and collaborative data sets
- Explaining the application of HRSC to the characterization of integrated media, including: groundwater, soil, soil vapor, surface water, sediments and bedrock
- Evaluating potentially applicable tools for subsurface investigations of shallow unconsolidated environments, deep unconsolidated environments, fractured and porous media, and the groundwater and surface water interface
- Developing effective HRSC implementation and investigation strategies
- Managing and visualizing HRSC data for decision making
- Applying HRSC to remedy design, implementation and optimization

After taking this course, participants will be armed with information that will allow them to improve their subsurface investigation approaches and develop more realistic and comprehensive conceptual site models (CSM). CSMs developed, based on HRSC strategies and tools, will decrease site uncertainty, improve the remedy selection process for groundwater remedies, and better enable the evaluation, design, and implementation of targeted on-site and off-site groundwater remedies.

The Groundwater HRSC course is an advanced 2-day course. The recommended audience includes EPA, federal, state, tribal and private industry technical project managers, practitioners and other stakeholders involved in groundwater investigation and remediation.

****This course is offered free of charge to all registrants who are confirmed to attend.****

Contact information for this event: **Jodi McCarty** (ICF) by telephone at (703) 251-0347 or via e-mail at jodi.mccarty@icf.com.

More information on this event is available, [click here](#).

BIA Student Internship Job Announcements

The Bureau of Indian Affairs (BIA) Office of Trust Services (OTS) is continually seeking scientists and technicians in a range of STEM-related disciplines to protect, conserve, utilize, and manage Indian forest and agricultural lands and resources, including water and power. BIA is recruiting for several internship positions working across various Agriculture and Rangeland Management or Forestry and Wildland Fire Management programs. **Students can intern with the BIA or with a tribal-related program.** Intern job vacancy announcements are posted to USAJOBS and can be found at www.usajobs.gov/StudentsAndGrads.

Office of Enforcement & Compliance Assurance – National Enforcement Training Institute The National Enforcement and Training Institute (NETI) courses are open to federal, tribal, state, and local government environmental compliance and enforcement personnel. NETI offers live broadcast and on-demand training covering virtually every environmental issue that confronts compliance monitoring and enforcement personnel.

Additional information is available on the **NETI website:** www.epa.gov/compliance/national-enforcement-training-institute-neti-elearning-center.