

2012 Northwest Regional Environmental Data Management Conference

Sponsored by: **GEOENGINEERS**  and **EarthSoft** 

The Third Annual Environmental Data Management Conference provides environmental data management professionals with a two-day opportunity to share ideas; tools and custom applications; brainstorm and collaborate on data workflow; and present data management success stories. The conference is limited to 30 registrants. There is a *non-refundable* registration fee of \$250 per person for both days, which includes snacks and lunch and a participant certificate.

The schedule of planned presenters (shown below) is still growing. We want the conference to represent a broad cross-section of data management professionals so please contact Dan Higgins or Scot Weaver if you have a suggestion for additional activities or presentations.

Dates: May 15-16, 2012

Location: McMenamins Edgefield, 2126 SW Halsey, Troutdale, Oregon 97060

A block of hotel rooms are set aside for conference attendees who want to spend the night. There are no special rates for attendees. The rooms will be held until 4/15/2011.

Registration Info: You can register via PayPal on the conference website at (<http://www.nwedmc.com/Reg.html>).

Please call **Dan Higgins at (503) 789-4758** or **Scot Weaver of EarthSoft at (435) 770-7376** with questions.

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Conference Schedule:

Day 1 – May 15, 2012

9:00 am	Reception & Continental Breakfast	
9:20 am	Welcome and Greeting	(Dan Higgins, Scot Weaver: EarthSoft)
9:30 am	Unlock your Environmental Data!	GeoEngineers will demonstrate the GeoEnvironmental Data Inspector (GEDI), a web-based solution that simplifies querying and viewing of environmental data from databases such as EQUIS. The solution includes integrated mapping and reporting components. Designed for use by senior executives to entry-level environmental professionals, this system does not require any prior knowledge about the data to create intuitive high quality products. (Rob Smith: GeoEngineers)
10:30 am	Sensors and PLCs	A case study showing a large-scale environmental monitoring implementation of remote sensing integrated with EQUIS and GIS. Frank Hagar(GeoData Analysis)
11:00 am	EQUIS Data Quality Module	Earthsoft staff will demonstrate the EQUIS Data Quality Module (DQM). (EarthSoft)
11:30 am	Plans and Goals of the EarthSoft Training Program	Emily will discuss the Plans and Goals of the EarthSoft Training Program. Emily Mulford, Training Manager (EarthSoft)
12:00 am	LUNCH	Provided by GeoEngineers and EarthSoft
1:30 pm	Using EQUIS to Develop Environmental Management Plans	Barrick will discuss how they plan to use EQUIS to manage the biodiversity requirements supporting the environmental management plans for their facilities. According to Scot Weaver of Earthsoft, "Barrick's approach is definitely unique and interesting because nobody else will be doing this- Yet." Edison Pascascio(Barrick)
2:30 pm	Custom Reports Demo	How to get Box and Whisker Plots; TEC calculations, and analyte sums from your Environmental Database. Dan Higgins (GeoEngineers)
3:30 pm	Roundtable Discussion: What's the Value of your	Rob Smith and Dan Higgins of GeoEngineers will lead a group discussion exploring the level-of-effort required to manage data

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	Data?	versus the value of the data. Topics may include: What is the actual monetary value of a data point? Who's really paying for it? Does the effort spent managing information exceed the value of the data itself? Can implementing and maintaining technology exceed the value received from the effort?
4:30 pm	END OF DAY 1	

Day 2 – May 16, 2012

9:00 am	Reception & Continental Breakfast	
9:30 am	System Customizations: Risks and Rewards - Items to Consider	Customizing environmental data management systems to fit your organization's needs is important to the system's success. ddms will use hands-on activities to outline the most common issues encountered during customizations of systems, including EQUIS. Attendees will learn what to expect during customizations, issues to look for, and important questions to ask. The session will also explore customization successes including; reporting, data loading, and Project Portal™ system integration. Sarah Wright (ddms, Inc.)
10:30 am	What is it that your lab is really giving you?	A discussion of lab data quality and the variability between labs in how they report reporting detection limits, method detection limits, instrument detection limits, and so on. Frank Hagar (GeoData Analysis)
11:30 am	Information management at ARCADIS... A complete package (O&M Data Collection Case Study)	EQUIS is a robust data management package, but it is also amenable to customization and integration with other applications. In order to expand Arcadis' use of EQUIS we have developed: -Synchronization with electronic data gathering (ARCADIS' version of EDGE) -Validation entry form -EQUIS Enterprise and SSRS report offerings to project teams ("canned" reports) -Document management (mass production of boring logs) Valerie Kull (Arcadis)
12:30 am	LUNCH	Provided by GeoEngineers and EarthSoft
1:30 pm	Data Management Solutions for implementing WSDOT's	A case study of WSDOT's data management system, lessons learned during implementation, and the challenges of managing

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	Statewide Stormwater Monitoring Program:	and integrating the diversity of data produced by stormwater monitoring efforts. Databases used for stormwater monitoring include EQulS with the SPM, EDGE, and Enterprise (EarthSoft Inc.); StreamTrac (FTS, Inc.) populated via a telemetry system; CETIS (Tidepool Scientific, LLC); and weather forecasting. Janice Sloan (WSDOT)
2:30 pm	Making Groups of Groups in EQulS	A demonstration on how Seattle Public Utilities performs complex contaminant source tracing using groups of location groups in EQulS. Lea Beard (Seattle Public Utilities)
3:00 pm	EQulS New Product Development (Discussion).	Boris Lutskovsky and Mat Weaver (EarthSoft):
3:50 pm		Closing remarks and pass out participation certificates.
4:00 pm	SESSION ENDS	