



# EQUS<sup>®</sup> Open Training

June 14–16, Denver, Colorado

## **Class Description:**

This EQUS Training Class will provide the skills and techniques for managing and analyzing environmental data using EarthSoft's Environmental Quality Information System, or EQUS. Attendees will gain hands-on experience working with environmental geology and analytical chemistry data. Workflow automation and web techniques will be covered using EQUS Enterprise. A site characterization exercise will train users to access data in the ArcView GIS spatial environment.

Additionally, this EQUS Training Class will have a special emphasis on the EQUS Sample Planning Module (SPM) and the EQUS Data Gathering Engine (EDGE). Attendees will learn how to use EQUS SPM to create tasks for the future, add contracts, methods and labs and also create Sample Analysis Plans that comply with USEPA standards. Students will learn how to check the completeness of scheduled sampling and non-sampling field activities. In addition to SPM, the training instruction will also focus on EDGE for collecting environmental field data, creating standardized Chains of Custody and generating Electronic Data Deliverables to import into EQUS.

While much of the class will be focused on the implementation and use of EQUS, discussion will also include critical data management principles such as:

- Developing standard operating procedures for data management
- Creating sampling plans
- Working with analytical labs
- Field procedures and data collection

## **Location and Requirements**

This course will be held at 44 Union Boulevard, Suite 300, Lakewood, Colorado.

Please bring your own laptop for use during this training class. Instructions for downloading and installing EQUS, visualization and analysis tools, and ArcGIS evaluation software will be provided two weeks prior to the training.

## **Cost and Registration**

The early registration fee of \$1,500 (\$1,800 for registration after June 1, 2011) includes instruction, and hand-on use of EQUS, and class notes. To register for the course, please fill out the included Training Registration form and fax to 503-345-0212 or email to [training@earthsoft.com](mailto:training@earthsoft.com).



## EQUS Open Training Agenda

### Day 1 – Getting Started with EQUS, Importing and Viewing Data

AM Session: EQUS Database Management Basics

- What is EQUS?
- Basic Concepts and Terminology
- Data Management Workflow and Planning
- EQUS Workflow
- Database Setup and Administration
- Creating a new project

PM Session 1: EQUS Professional EDP

- EQUS Data Processor (EDP)
- Reconciling Field and Laboratory EDDs
- Submitting and Loading Data
- Rolling Back Data

PM Session 2: EQUS Professional: Tables, Forms, Action Levels and Groups

- Data and Reference Table Inspections
- Using Data Views
- Creating Analyte, Location and Facility Groups
- Action Levels

### Day 2 – Data Retrieval with EQUS Professional and EQUS Enterprise

AM Session: EQUS Professional – Reports and Exports

- Fields and Tools Available
- Crosstab Reports
- Trend and Contour Plots

PM Session: EQUS Enterprise — Loading Data, Reports and Information Agents

- Enterprise EQUS Data Processor
- Double Closed Loop Data Quality Checking
- Creating and Using EZView Reports
- EQUS Information Agents (EIA)
- Integration of EQUS Professional reports with EIA

### Day 3 – Mapping, Sample Plans, and Field Data Collection with EQUS

AM Session: EQUS for ArcGIS – Data Retrieval with GIS

- EQUS for ArcGIS Integration
- EQUS for ArcGIS exports and outputs
- Spider Diagrams

PM Session: EQUS Sample Planning Model and EDGE

- Create Sample Plans
- Sample Planning Outputs
- Collecting Data in EDGE



## EQUS Open Training Registration Form

Please register me for Course Name: Denver EQUS Open Training

Course Date: June 14-16, 2011 Course Time: 8:30 am – 4:30 pm

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Payment Enclosed \$ \_\_\_\_\_ Purchase Order # \_\_\_\_\_

Late Registration is considered to be within two (2) weeks of the training date, or after June 1, 2011.

- 3 Day Training Early Registration \$1,500.00 US
- 3 Day Training Late Registration \$1,800.00 US

Please make checks payable to EarthSoft, Inc. If paying by Purchase Order, registrant must be invoiced and payment received prior to scheduled class. To pay by VISA, Master Card, or American Express, please fill out the following information and sign.

- VISA     MasterCard     American Express

Account Number (+3 or 4 digits on back/front of card) \_\_\_\_\_

Expiration Date: \_\_\_\_ / \_\_\_\_

Cardholder's Name (Print): \_\_\_\_\_

Billing Address (if different from above): \_\_\_\_\_

Signature: \_\_\_\_\_



## **EQUS Training Registration Instructions**

### **Registration Form**

A completed registration form is required for each registrant. Registrations are processed on a first-come, first-serve basis. For any other information, contact EarthSoft at [training@earthsoft.com](mailto:training@earthsoft.com). Incomplete or unsigned registration forms will not be processed and may delay class reservations. You will receive an acknowledgment letter notifying you of receipt of payment and registration status. Classes are normally confirmed or cancelled based on enrollment approximately 10 business days before the scheduled start date.

### **Payment**

Payment is required in advance and may be made by check (payable to EarthSoft, Inc.), purchase order (cash is not accepted), or credit card. To expedite registration, follow these directions:

- Check payments or purchase orders: Please mail payment/purchase order to P.O. Box 7558, Pensacola, FL 32534. Before mailing, fax a copy of your registration form and check/purchase order to 503-345-0212. Note: If paying by purchase order, registrant must be invoiced and payment received prior to the scheduled training date.
- Credit card payments: Please include credit card information and fax to 503-345-0212.

### **Class Schedule Changes and Cancellations**

It is sometimes necessary to change the dates of a class or to cancel a class. Registrants are contacted at the earliest opportunity in the event of a scheduling change or cancellation.

### **Travel**

Transportation to the training site is the registrant's responsibility. EarthSoft, Inc. assumes no responsibility for nonrefundable travel arrangement losses resulting from course scheduling changes or cancellations.

### **Lodging and Meals**

Registrants are provided a class location and a list of area hotels. Registrants are responsible for making their own lodging arrangements. Meals are not provided.

### **Course Materials**

All course materials are provided at the training site.