

Using our Traptester software more effectively: what do you need to know?

It's not just about pressing buttons and navigating your way through the interface, but has more to do with implementing a coherent conceptual workflow; understanding the best approach to solving your problem, and applying your geological expertise.

The public nature of many software training courses means there is usually insufficient scope to deal with questions effectively. This is particularly true when it comes to the application of the software to solving complex geological problems. An obvious and important constraint is that companies wish to make sure that their data is kept confidential.

What is really needed from software training is often a transfer of practical knowledge of the software and experience of applying solutions to complex geological problems.

So how do we provide appropriate training in what is perceived as a specialist technical area? Firstly, for the technical specialist, we offer quick update courses, so that the new features can be explained quickly and guidance given. Secondly, we offer courses that make use of their data, in order to bring a real focus to the software training. Finally, for the new user we provide one-day courses to help you get started using TrapTester.

Our well received theory training course on fault seal analysis can be integrated with our software training. As part one of our tailored training courses they offer a complete solution to the implementation of fault seal assessment into your workflows. We will deliver our training in your offices, off site or here at our offices in rural Lincolnshire!

TrapTester Training Options

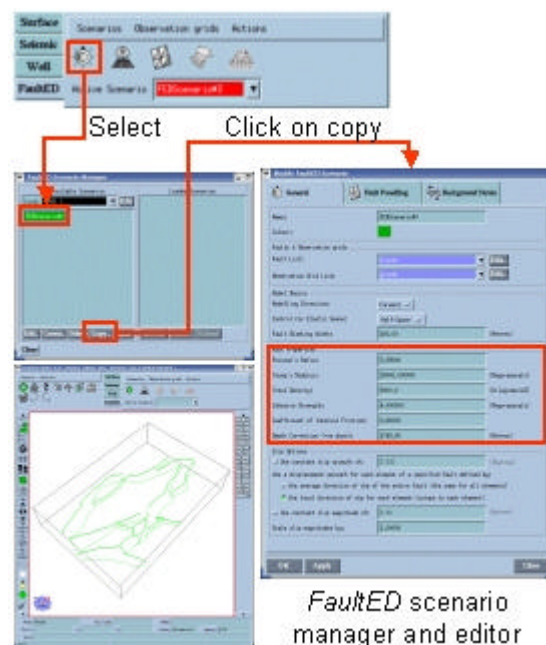
A number of fault seal and TrapTester training courses are offered by Badleys (see below). However, to discuss your individual requirements and tailor a course to your needs please do [contact us](#).

Getting Started

This 1-day course is specifically designed for geoscientists who have never used the TrapTester software. Basic concepts are introduced to enable you to learn the basic skills necessary to use TrapTester for visualization, interpretation, model building and fault-seal assessment.

Structural Interpretation

Advanced structural interpretation and analysis course based around the TrapTester environment will enable you to quickly identify



areas of poor interpretation quality and to apply 3D data editing tools to solve interpretation problems. You will also learn how to apply modern fault analysis concepts during 3D structural interpretation. Duration: 2 days

Structural Model Building

Building framework models from seismic, depth or existing 3D data is a fundamental step in the appraisal of trap integrity. This course provides you with all the necessary skills to create faulted structure models, to apply advanced 3D data editing tools and incorporate well-based data to refine the framework model. Duration: 2 days

Fault Seal Analysis Introduction

This one-day course provides you with the key skills required to perform basic fault-seal analysis using TrapTester. An overview of fault seal methods, essential data requirements and workflows are presented.

Fault Seal Analysis for Advanced users

This 3 day course, now in its 8th year, is designed to provide you will all the skills necessary to perform detailed fault-seal analysis using the TrapTester software. Topics include: data import, visualization and editing; advanced structural framework model building and prediction of seal potential using empirical

The concept of scenarios is introduced in the FaultED course. Each scenario contains the properties, observation grids and results for a model run. Multiple scenarios can be used to test the sensitivity of the model to parameter variations.

TrapTester Advanced Toolkit: FaultED

The TrapTester Advanced course teaches you how to use the advanced functionality in TrapTester for fault and fracture population analysis, using the module FaultED. Topics include statistical and graphical analysis of fault data, fracture modeling using elastic dislocation techniques and visualization of predicted fracture patterns. Overview of fault failure modes and characteristics is presented. Duration: 2 days

TrapTester Update / Refresher

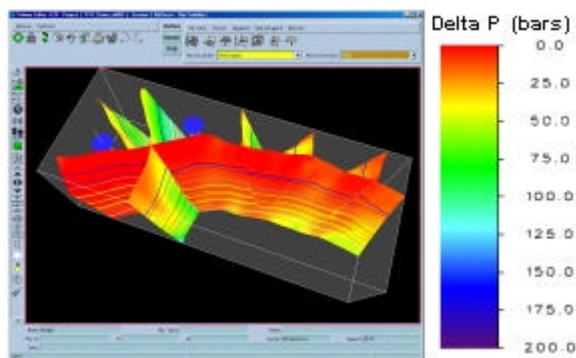
As an existing TrapTester user, you need to keep pace with the latest developments in the software. You can now request a "TrapTester Update" course which details all the new features within TrapTester and gives you the opportunity to discuss their implementation in your workflows with Badleys experts. Duration: 1 day

Forthcoming events

Badleys will be represented at the **AAPG International meeting in Cancun** (Mexico) in late October by Technical Director Dr Graham Yielding. Graham will be one of the co-chairs in the Fault Seal session on Monday 25th October (Level 1), and will have a poster in that session (P37).

Our collaboration partner **Midland Valley Exploration** have a booth in the Exhibition at Cancun (booth **827** on Level **3**), where they will be demonstrating the latest releases of 3DMove V4.1, 2DMove V4.1 and 4DVista V1.1.

MVE will also act as a contact point for Badleys during the meeting. So come along to booth **827** for a one-stop service in structural geology.



In the next issue of Geoscience News...

Look out for the next newsletter where we will outline the current developments in fault seal and what's coming in the next release of *TrapTester*.

If you are unable to view images in this newsletter, a .pdf is available [from our website](#).

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