

Welcome to this month's Structure World column from Midland Valley, we have lots to fill you in on. Along with new members to the team, we have created a new Knowledge Centre in Glasgow to meet the growing demands of our user base and help them get the best out of our software. To help you along your way we've included another interpreter tip for choosing the correct restoration technique.

We'd also like to draw your attention to our 25th Anniversary user meeting in September - please reserve your place now to avoid disappointment as spaces are limited.

For more information on anything in this column please contact us at help@mve.com

Midland Valley Knowledge Centre



Introducing Midland Valley's new Knowledge Centre. A dedicated client focussed team with a mission to provide you with the knowledge you need to get the best value from us and our software. Midland Valley client support has traditionally been solely related to Software IT and Geological Help. However with the Knowledge Centre, we are expanding this remit to enable our clients to get the best use out of Midland Valley Products.

Throughout 2008 we will be introducing a number of new initiatives to help improve our client services. Watch this space...

New recruit in the Glasgow office

Midland Valley would like to welcome our new geologist Dr Cecille Allanic, a recent Structural Geology PhD graduate from the Institute of Geology, Neuchatel, Switzerland, with extensive knowledge in fault analysis. Cecille has joined our expanding group of consulting geologists in the Glasgow office.

Silver Anniversary Events

To help celebrate our 25th anniversary this year we'll be attending the following events.

- GEO Bahrain, March 3 - 5 2008 Booth #660
- AAPG San Antonio, April 20 - 23 Booth #1326
- Midland Valley Silver Anniversary User Meeting Sept 30 - 2 Oct, 2008

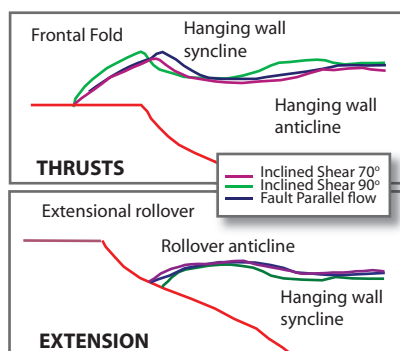
More info? E-mail Sarah events@mve.com

Interpreter Tips: Choosing the correct restoration technique

How do I choose which construction or restoration algorithm to use and what's the difference?

The two simplest algorithms to use are inclined shear and fault parallel flow. Both can easily be done by hand drawn construction techniques to give good results. In poorly consolidated sediment, particularly in extension, you would usually assume inclined shear. You can think of this as a fence of inclined pencils moving down, or up a fault plane. If you are dealing with layered consolidated rocks in thrusting you'd choose to use fault parallel flow. Fault parallel flow assumes that deformation is accommodated on bed surfaces. This means that thickness at right angles to the beds and the lengths of beds are kept constant. Both techniques assume that you are working a section parallel to the direction the rocks are moving (transport direction) so that cross sectional area is constant.

Depending on which technique you choose you will get different amplitudes and shapes of the folds in the hanging wall. But as an interpretation tool, the important thing to realise is that there is a direct relationship between the folds and the fault shape. So once you are comfortable with this concept you can look at dip changes on say a seismic section and relate the dip change to an underlying fault geometry.



You can see the differences in the diagram above. By using these techniques you can add and remove layers to model growth or erosion.

More info? E-mail Louise at help@mve.com

Midland Valley Silver Anniversary User Meeting - Sept 30 - Oct 2, 2008

We are planning a special User Meeting to show clients our latest technology with presentations from Midland Valley and some of our users. The meeting will take place in Glasgow, Scotland on the 30th of September - 2nd of October, so make sure you have it marked in your diary. To close the meeting we are planning a ceilidh with traditional Scottish dancing (and whisky!) and a geological fieldtrip to show you some of Scotland's fantastic geology.

We are very keen for our users to participate in the event, if you would like to take part please contact us. Registration and hotel information is all on our website www.mve.com please check for details and let us know if you would like us to reserve you a place.

Contact Sarah at events@mve.com

For more info on our software and consulting or anything in this column call +44 (0)141 332 2681 or email help@mve.com

