



Land Seismic Processing

This three day short-course serves as an introduction to land seismic data processing. It provides a brief theoretical background in geophysics, reinforced with some practical processing experience using GLOBE Claritas™ software. The objectives of seismic processing are explained, with a focus on the consequences and pitfalls of processing decisions on the final seismic image.

When: 5th – 7th June 2017

Where: Amsterdam Petroleum Geoscience, Dynamostraat 48, P.O Box 20670, 1001 NR Amsterdam, The Netherlands.

How much: 1700 Euro per person (early bird rate 1500 Euro per person if registered on or before 19th May 2017)

About the Course

The course is designed to give attendees practical experience in processing land seismic data from field data to final migration. The content includes:

- Land processing: methodology and objectives
- Geometry and typical QC steps.
- Statics- Elevation, Refraction and Residual.
- Initial quality control checks
- Seismic velocity analysis
- Imaging and finalisation
- New technologies

The dataset is an exploration seismic line from Taranaki, New Zealand, that will be used in conjunction with supplied workflows and support data.

Recommended Background

This is an introductory course, no previous seismic processing or geophysics knowledge is required.

FAQ

Who should attend this course?

Individuals who work with processed seismic data, or would like to gain a better understanding of land processing methodology.

What will I take away from this course?

A greater understanding of how seismic images are created, and the implications this has on interpretation decisions, and an improved knowledge of key aspects of a typical land processing flow, including the importance of Geometry and the interplay between statics and velocities.