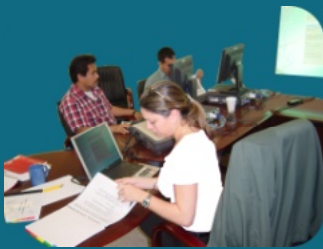




Geovariances Training

IMPROVING SEISMIC DATA QUALITY WITH GEOSTATISTICS

3-day course



Geovariances offers a complete set of high quality training programs in petroleum geostatistics for beginners and experienced users.

Geovariances courses cover basic and advanced geostatistics and provide participants with plenty of hands-on practice with real oil reservoir data.

All courses are led by our highly experienced consultants.

Geovariances offers public courses around the world and throughout the year. Over the last 18 months, more than 250 trainees have participated in our training sessions.

Our consultants also provide in-house training and mentoring focused on your own needs.

Isatis, the geostatistical software solution from **Geovariances**, is regarded as the reference in petroleum geostatistics.

Leading Oil & Gas and consulting companies around the world rely on **Geovariances** and **Isatis** for genuine expertise in geostatistics.

Objective

This course focuses on seismic data analysis and how geostatistics may help in revealing the structural characteristics of reservoirs. The application to quality control and noise filtering is illustrated on real examples.

Key Features

Interpretation of variograms in relationship with the geology. Factorial kriging and application to the filtering of artifacts, comparison of different surveys. Criteria of data quality.

Who should attend

Geophysicists of course but also more generally geoscientists aware of the necessity to conduct complementary approaches during the data analysis. Basic knowledge of geostatistics (variograms and kriging) is recommended.

Course content

This session covers the following topics:

- Reminders on variograms and multivariate geostatistics.
- Quality Control of seismic data.
- Variographic analysis of seismic velocity data.
- Kriging with filtering variogram components.
- Factorial Cokriging
- Application on merging different seismic surveys and processing of 3D velocity cube.

On-line registration

<http://www.geovariances.com/en/oil-amp-gas-improving-seismic-data-quality-with-geostatistics-co161>

Contact

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