



Amplitude vs Offset

MODULE

About the Skill Module

Amplitude variation with offset is used to modify risk in hydrocarbon prospects. This skill module introduces the concept, process, and application of the technology.

Target Audience

Geoscientists, engineers, team leaders, geoscience technicians, asset managers, and anyone involved in using seismic data that needs to understand and use this data at a basic level or to communicate with others that use it.

You Will Learn

Participants will learn how to:

- Define amplitude variation with offset/angle (AVO/AVA)
- Make approximations to the Zoeppritz equations, including Aki-Richards equation and Shuey's equation
- Identify the Rutherford and Williams classification
- Describe slope, intercept, and the fluid line
- Describe the methods for prestack inversion, including Simultaneous Inversion; Elastic Impedance and Extended Elastic Impedance; Lambda Rho and Mu Rho

Product Details

Categories: [Upstream](#)

Disciplines: [Geophysics](#)

Levels: [Basic](#)

Product Type: Individual Skill Module

Format: On-Demand

Duration: 3.5 hours (approx.)

\$395.00

