

## What a Geologist needs to know about Resource Plays: A holistic approach to Resource Play analysis from concept to completion

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### Summary

Using examples from different resource plays from Western Canada this presentation will walk through a process that allows the Geoscientist to evaluate each part of the framework and to integrate the knowledge gained into a more complete understanding of the resource play.

This presentation will look at a process to evaluate resource play opportunities from a regional overview to well planning, by using a framework that will consider the inter-relationship of Hydrogeology, Source Rock Evaluation, Reservoir Characterization, Regional Stress Analysis, Quantitative Seismic Interpretation, and Geomechanics. This framework allows the geoscientist to consider all aspects of Resource Plays and how they may impact the ability of the industry to find and produce hydrocarbons from unconventional resource plays.