

Petroleum Geology

[@wikipedia](#)

Part of [Geology](#), one of the fundamental areas of [Field Study & Modelling](#) and one of the [Subsurface E&P Disciplines](#), related to localizing and assessing [Hydrocarbon Reserves](#).

The typical exploration workflow includes the analysis of the following elements of [sedimentary basins](#):

Source Rock	Basin Analysis	Seal	Trap	Timing	Maturation	Fluid migration	Petroleum Reservoir	Hydrocarbon Reserves
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As part of [Geology](#) the [Petroleum Geology](#) develops its analysis over the study of [Depositional facies](#) and [Lithological facies](#).

The ultimate deliverables of [Petroleum Geology](#) is the [Geological Model \(GM\)](#).

See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#)

[[Field Study & Modelling](#)] [[Hydrocarbon Reserves Classification](#)]

[[Geology](#)] [[Basic Petroleum Rock and Fluid Properties Handbook](#)]

Reference

[List of important publications in Geology](#)

[Crain's Petrophysical Handbook](#)