

Dynamic drainage volume

[Drainage volume](#) of a given [well](#) which is formed dynamically depending on the nearby [well production](#) and [injection](#).

The more [wells](#) are [producing](#) or [injecting](#) in the same [reservoir](#) the smaller the [dynamic drainage volume](#) around each [well](#) is.

See [Potential drainage volume](#) to assess maximum [drainage volume](#) of a [well](#) in case it would have been [producing](#) or [injecting](#) alone.

See also

[Physics](#) / [Fluid Dynamics](#) / [Percolation](#)

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Field Study & Modelling](#) / [Drainage \(fluid flow\)](#)

[[Drainage area \(\$A_e\$ \)](#)] [[Drainage radius \(\$r_e\$ \)](#)]