



Abstract from Tor Barkve (Emerson)

Water saturation modelling has to be performed by multiple disciplines, including petrophysics, geology, and reservoir engineering. The modelling process is often technically complex, and there are many pitfalls in the relay between disciplines. The talk will address the necessity of building a cross-disciplinary workflow for water saturation modelling and discuss important elements of this workflow. Elements include a shared terminology, a shared data model, a shared understanding of uncertainty, clearly defined products interchanged between disciplines, and a systematic approach to length scale issues. Experience from cross-disciplinary water saturation workflows will be presented and discussed.

