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Education: Ph.D. Utrecht University

Research areas:

My Ph.D. research focussed on the sediments of the Chalk Group in the Netherlands offshore sector in the North Sea. The research had three goals. Firstly, the seismic stratigraphy and seismic facies of the Chalk in the Netherlands sector was studied on 2D and 3D seismic sections. Secondly, metre-scale periodic variations in petrophysical properties were studied by frequency analysis of well logs. And finally, the burial compaction of the Chalk was studied using acoustic velocities derived from well logs and seismic. Please send me an e-mail if you are interested in a copy of the thesis.

I am currently employed as an exploration geologist with Shell in Stavanger, Norway.

Publications:

Van der Molen, A.S., 2004. Sedimentary development, seismic stratigraphy and burial compaction of the Chalk Group in the Netherlands North Sea area, *Geologica Ultraiectina*, No. 248, 175 p. (Ph.D.-thesis, ISBN 90-5744-110-1)

Van der Molen, A.S., Dudok van Heel, H.W. & Wong, T.E., 2005. The influence of tectonic regime on chalk deposition: examples of the sedimentary development and 3D-seismic stratigraphy of the Chalk Group in the Netherlands offshore area, *Basin research*, v. 17, p. 63-81.
