



A 3D lithofacies model for the Cretaceous in Flanders (N Belgium)

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Cretaceous deposits in Belgium are either aquifer or aquiclude, and possess different geotechnical properties depending on lithological content. Lithofacies maps are constructed for the subsurface Cretaceous, which is underlying most of the Flanders (N Belgium). Subsurface mapping is mainly based on correlation of lithological borehole descriptions and geophysical well logs, applying eco- and biostratigraphic controls and reflection seismic data in more tectonised areas. The facies maps will be integrated in the 3D geological model of Flanders.