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 underly-ing 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.