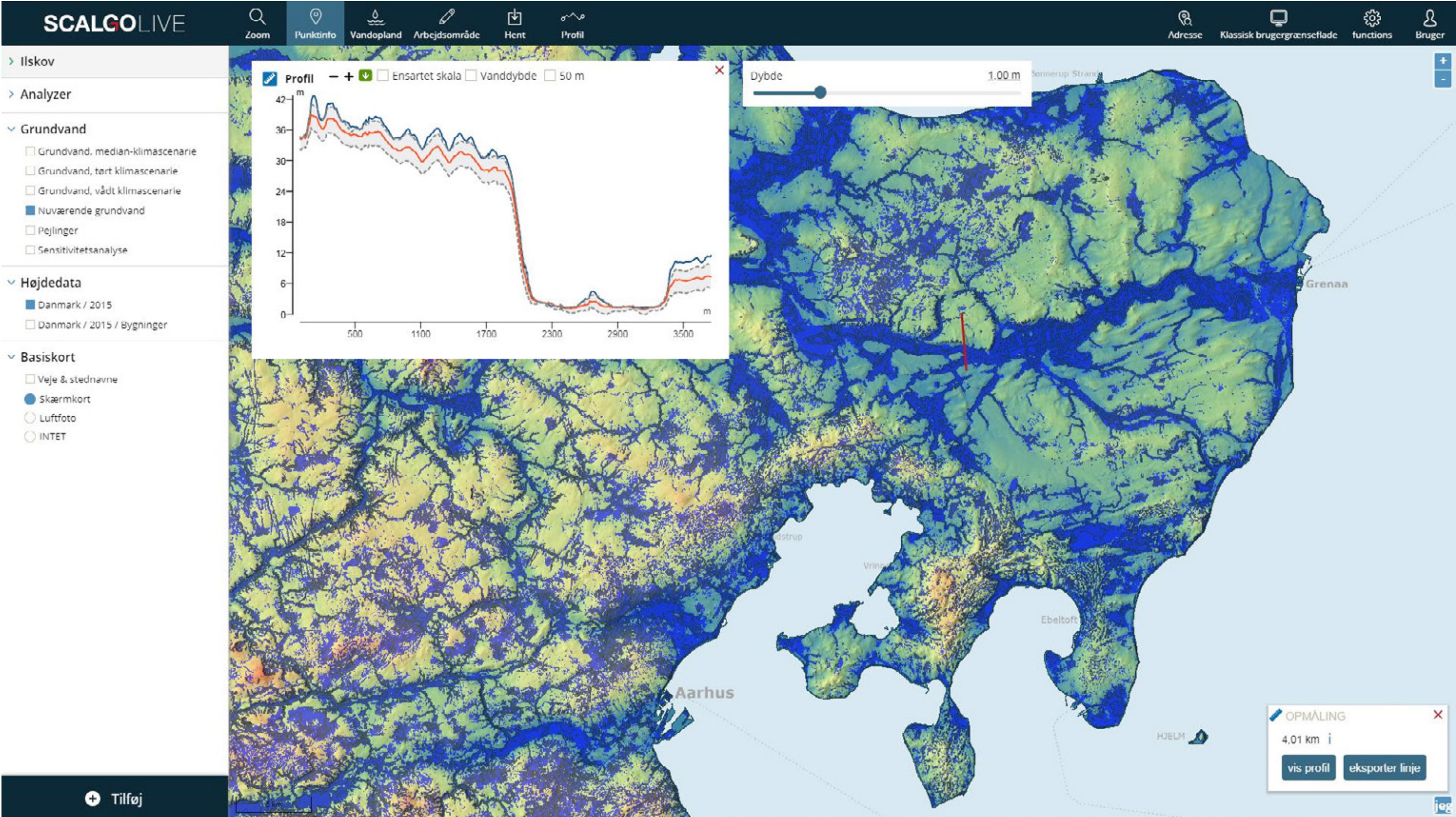
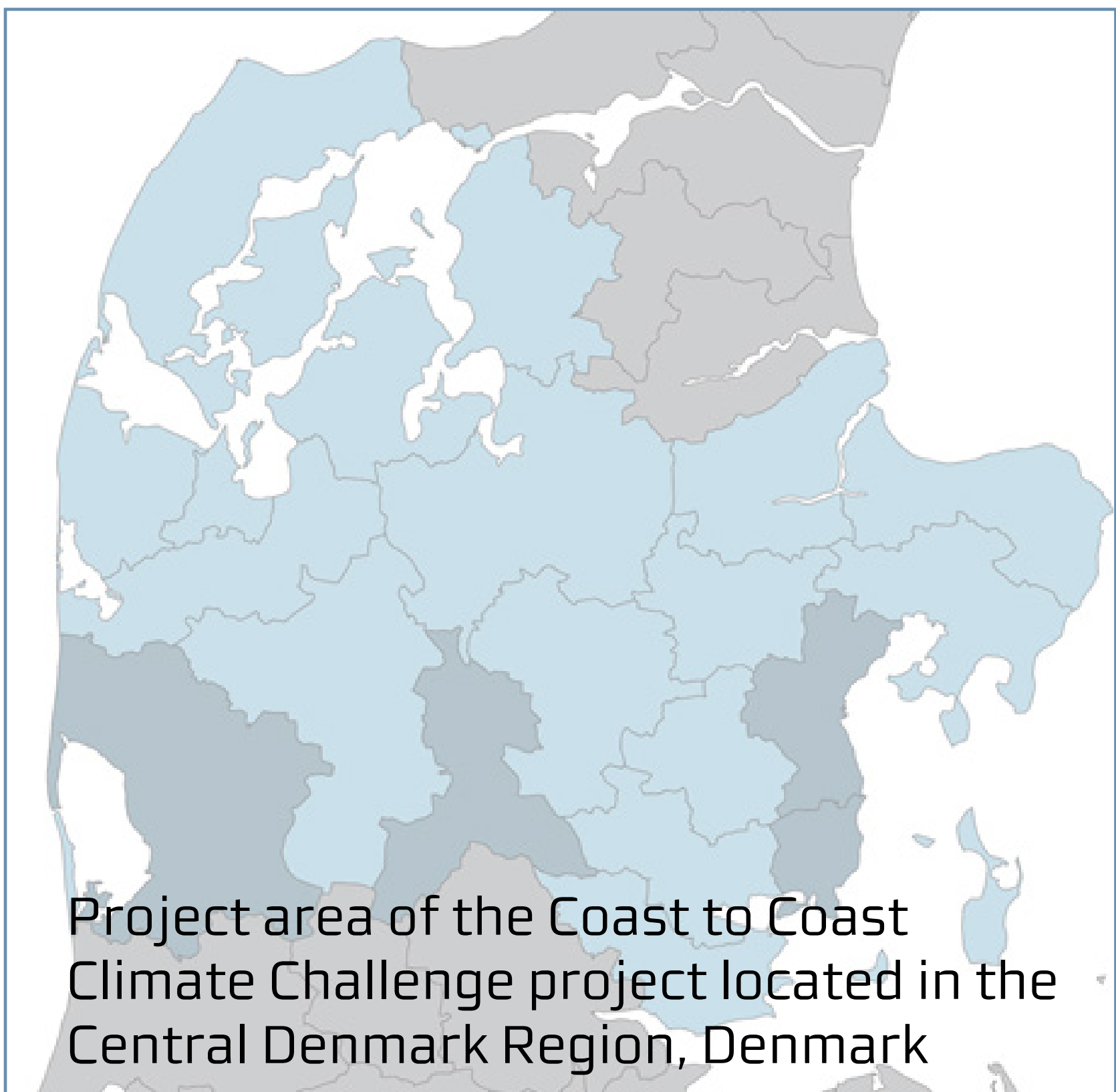


Development of tool to assess shallow groundwater

- by use of machine learning



Variables used in machine learning

Groups	Variables
Geology	Clay content - a horizon
	Clay content - b horizon
	Clay content - c horizon
	Clay content - d horizon
	Quaternary thickness
	Top clay thickness
	Drain probability
	Drain categories
	Lowland classification
	Landscape typology
	Geo-region
Topography	Soil type
	Elevation model
	Elevation model detrend
	Topographic Wetness Index
	Saga Wetness Index
	Upstreams area
	Inclination
Distance to surface water	Vertical distance to streams
	Horizontal distance to streams
	Lake, stream, and coast classification
Precipitation	Precipitation
Land use	Degree of impervious areas
	Land use
Coordinates	Coordinates (utm _x)
	Coordinates (utm _y)

