	Expert/knowledge-driven soil mapping	**Data/technology-driven soil mapping**
Target variables:	Soil types (soil series)	Analytical soil properties
Spatial data model:	Discrete (soil bodies)	Continuous/hybrid (quantities / probabilities)
Major inputs:	Expert knowledge / soil profile description	Laboratory data / proximal soil sensing
Important covariates:	Soil delineations (photo-interpretation)	Remote sensing images, DEM-derivatives
Spatial prediction model:	Averaging per polygon	Automated (geo)statistics
Accuracy assessment:	Validation of soil mapping units (kappa)	Cross-validation (RMSE)
Data representation:	Polygon maps + attribute tables	Gridded maps + prediction error map
Major technical aspect:	Cartographic scale	Grid cell size
Soil sampling strategies:	Free survey (surveyor selects sampling)	Statistical (design/model-based) sampling)