

Variable - measurement unit		ISO code*	SoilGrids V2 250 m	OpenLandMap-soildb 30, 120, 240 m	Revisit planned*
primary soil properties	Soil organic carbon density [kg/m³]	10694.1995	✗	✓	Annual
	Soil organic carbon [g/kg]	10694.1995	✓	✓	Annual
	Soil pH in H ₂ O [-]	10390.1994	✓	✓	Annual
	Soil pH in CaCl ₂ [-]	10390.1994	✓	✗	Annual
	Extractable P, K [ppm]	1952:2008	✓	✗	Seasonal
	Cation exchange capacity [cmol(c)/kg]	11260.1994	✓	✗	Annual
	Sum of total nitrogen [g/kg]	13878.1998	✓	✗	Annual
	Electrical conductivity [mS/m]	11265.1994	✗	✗	Seasonal
	Bulk density fine earth [kg/m³]	11272.2017	✓	✓	Long-term
	Soil texture fraction clay-silt-sand [%]	11277.2020	✓	✓	Long-term
	Coarse fragments volumetric [%]	11277.2020	✓	✗	Long-term
	Depth to bedrock [cm]		✗	✗	Long-term
	Toxic metals in soil [ppm]	21365:2019	✗	✗	Annual
landscape variables	USDA subgroup taxa [-]		✗	✓	Long-term
	Summary annual bare surface [%]		✗	✓	Annual
	Mean annual GPP [kg/ha/yr]		✗	✓	Annual
	Median annual canopy height [cm]		✗	✓	Annual
	Land cover annual [-]		✗	✓	Annual