

Pedoclimatic dataset, Vietnam

Deliverable A2: Pedoclimatic data description.

Project RFP No.: 2022-007



Jonathan Pierre, CEO, jon@geotree.com

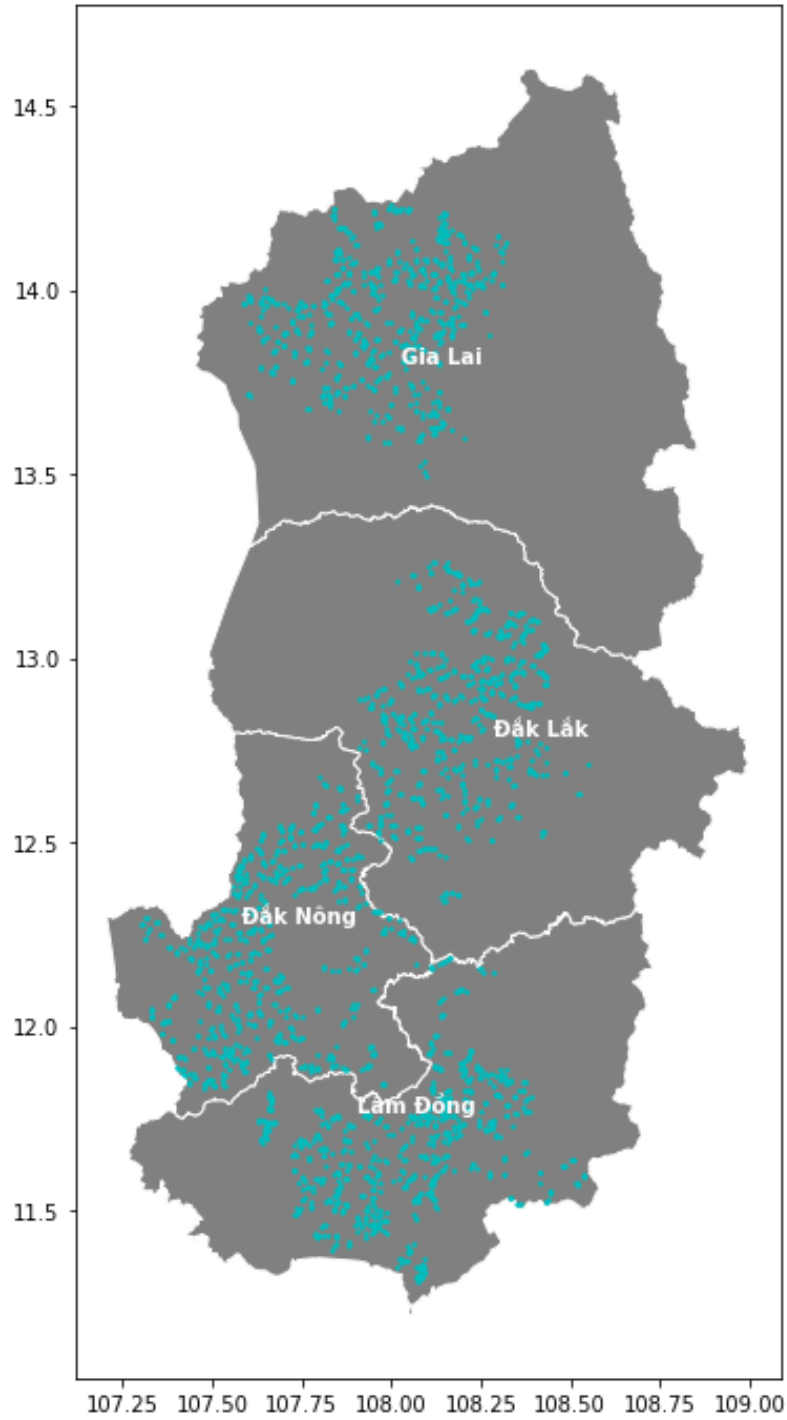
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Table of Contents

Table of Contents	1
Climate data	2
○ Precipitation	3
○ Temperature	6
○ Evapotranspiration	9
Soil data	12
○ Soil Organic Carbon	12
○ Clay	13
○ Bulk density	14
○ Soil loss	15

Climate data

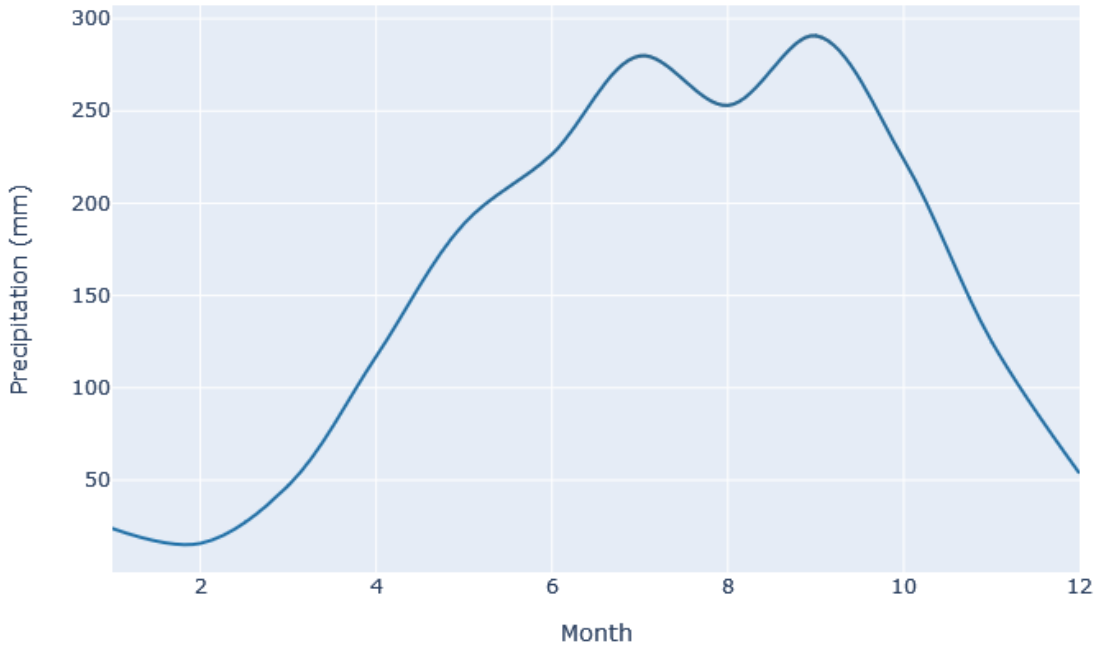
Geographical distribution of coffee-growing regions across provinces



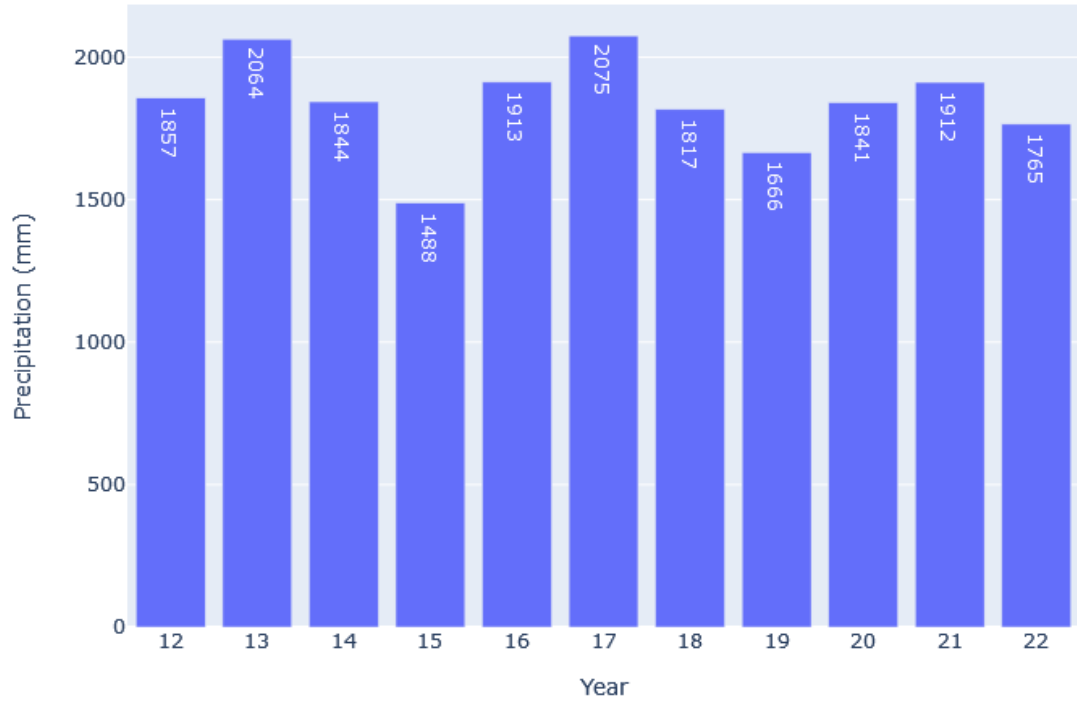
○ Precipitation

Dataset	Precipitation (mm)
Spatial resolution	10 km
Temporal resolution	Monthly
Temporal Coverage	2012-2022
Source	ECMW – ERA5

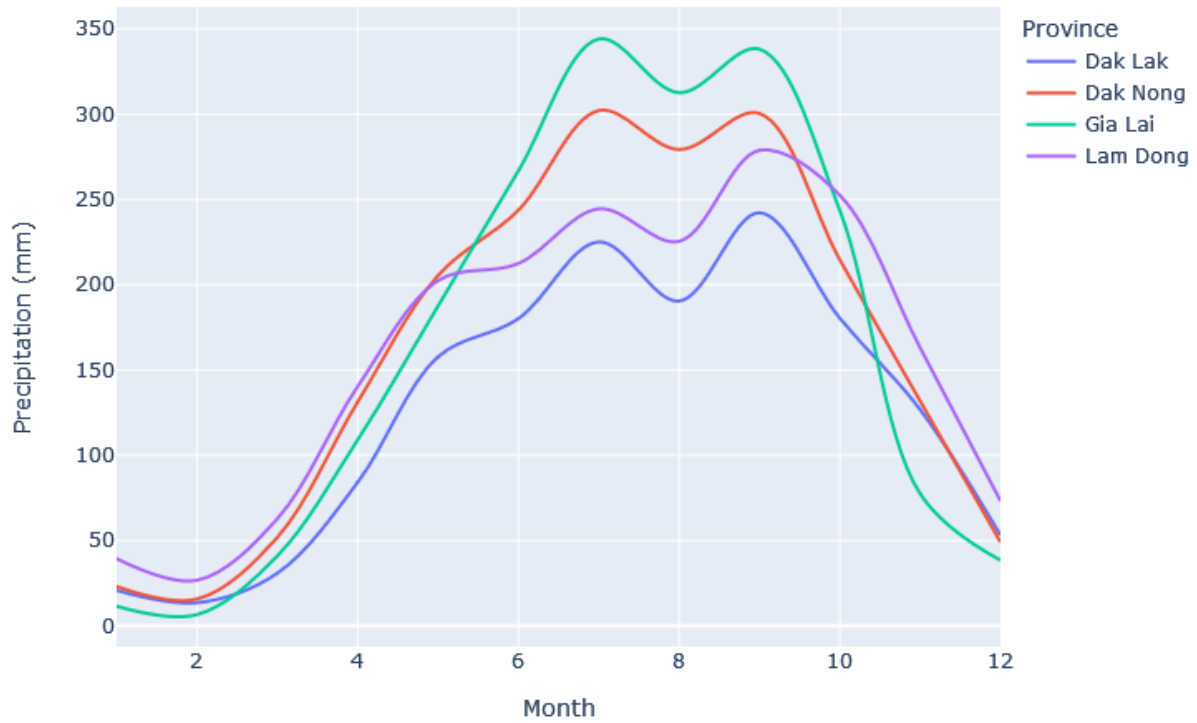
Overall monthly average



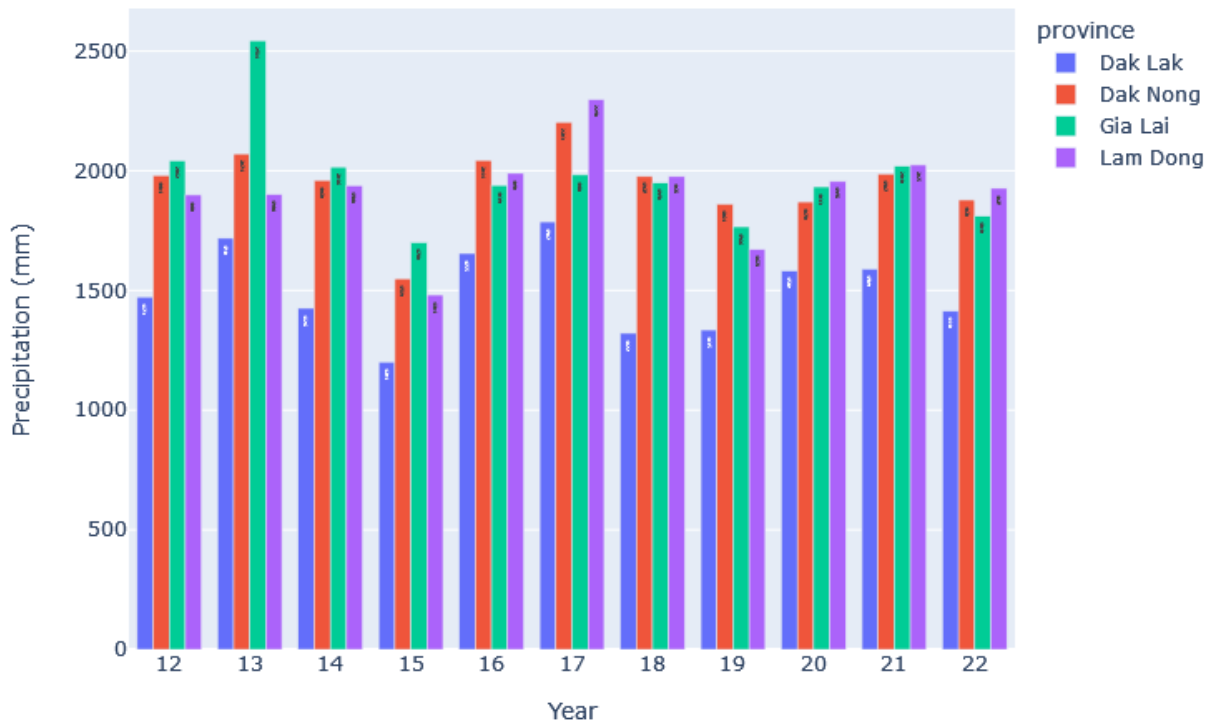
Overall annual average



Provincial level monthly average



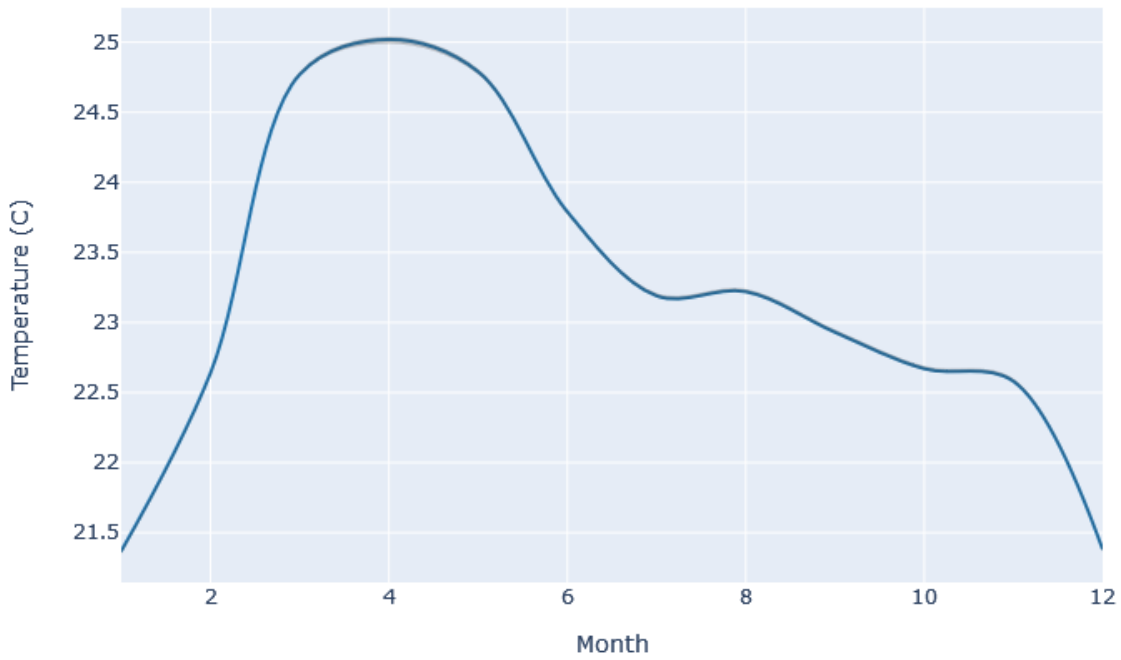
Province level annual average



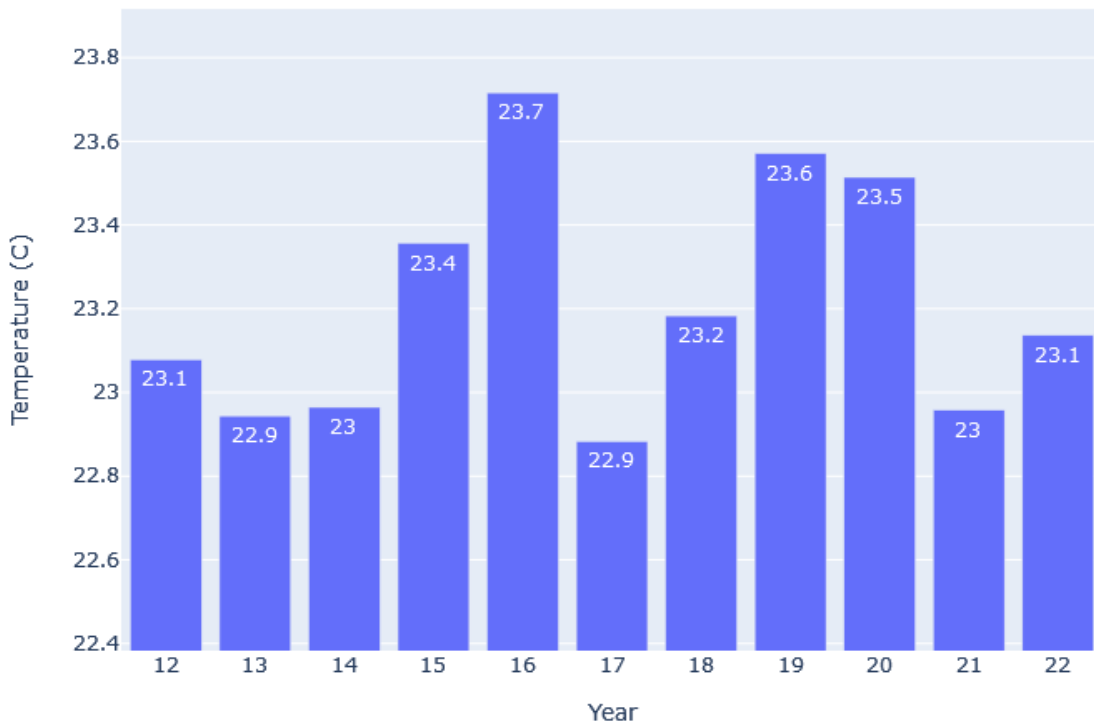
○ **Temperature**

Dataset	Temperature (C)
Spatial resolution	10 km
Temporal resolution	Monthly
Temporal Coverage	2012-2022
Source	ECMW – ERA5

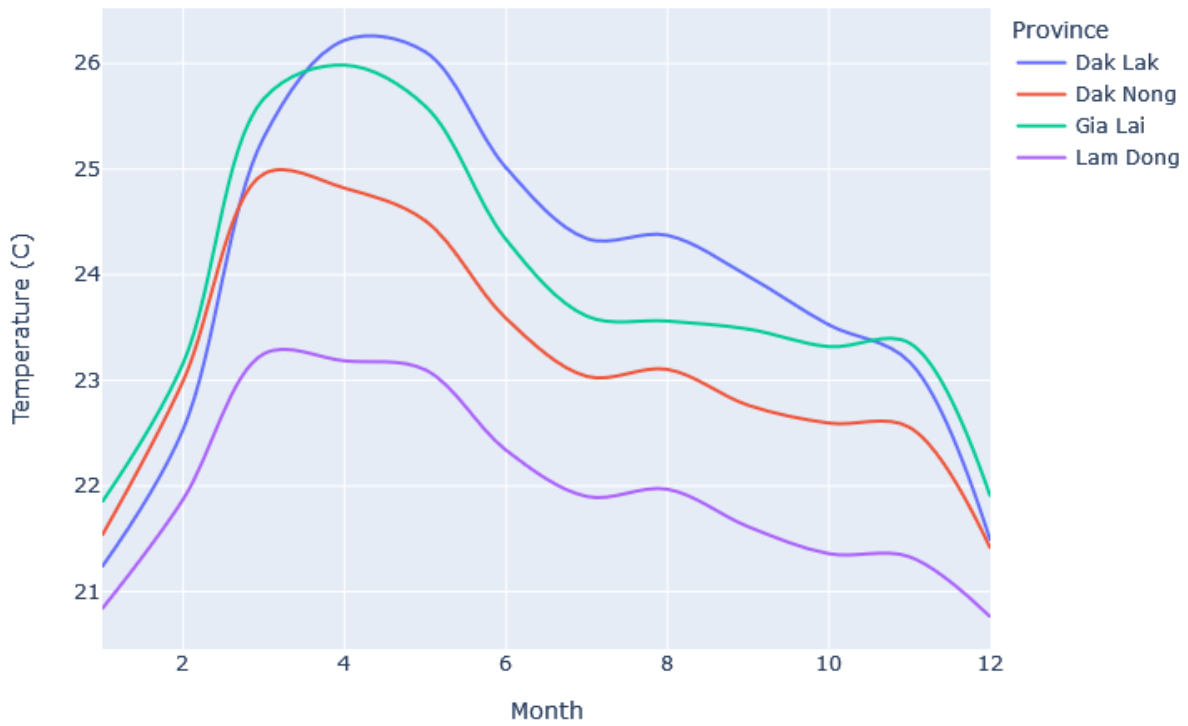
Overall average



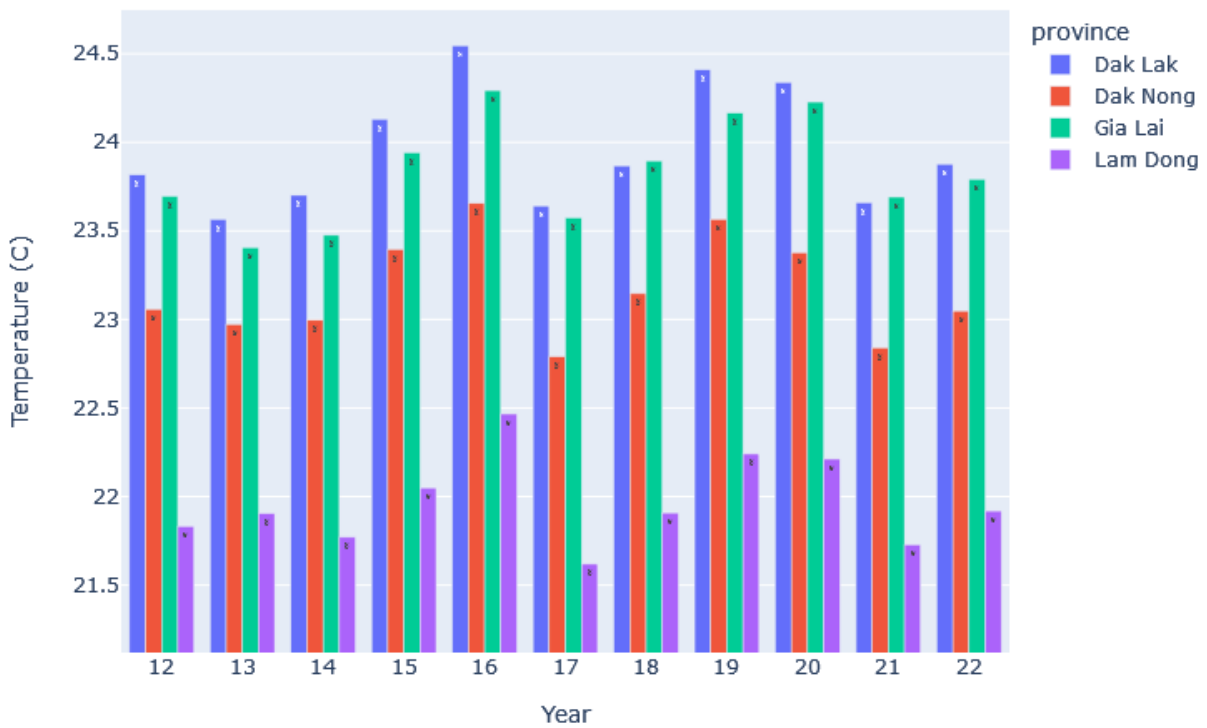
Overall annual average



Provincial level monthly average



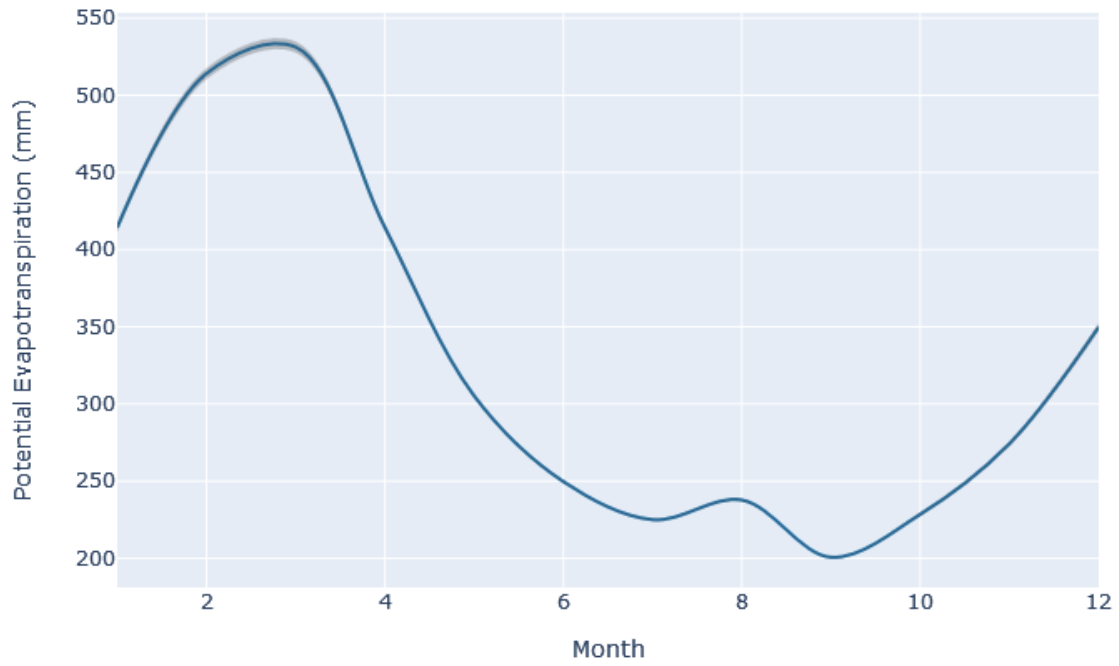
Province level annual average



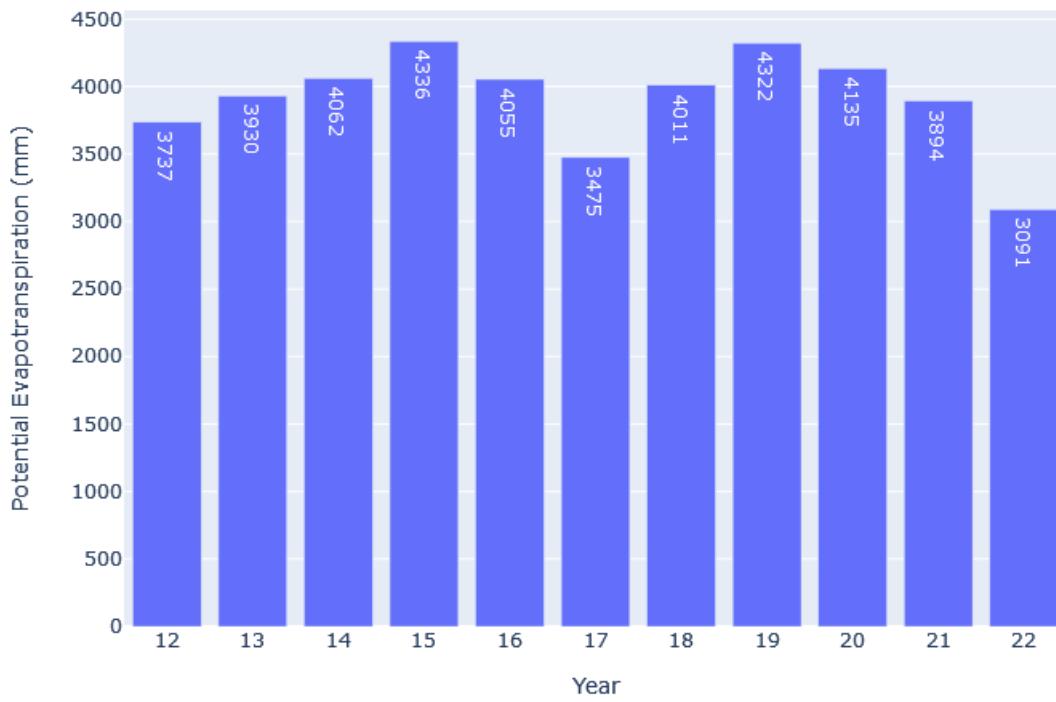
- **Evapotranspiration**

Dataset	Evapotranspiration (mm)
Spatial resolution	10 km
Temporal resolution	Monthly
Temporal Coverage	2012-2022
Source	ECMW – ERA5

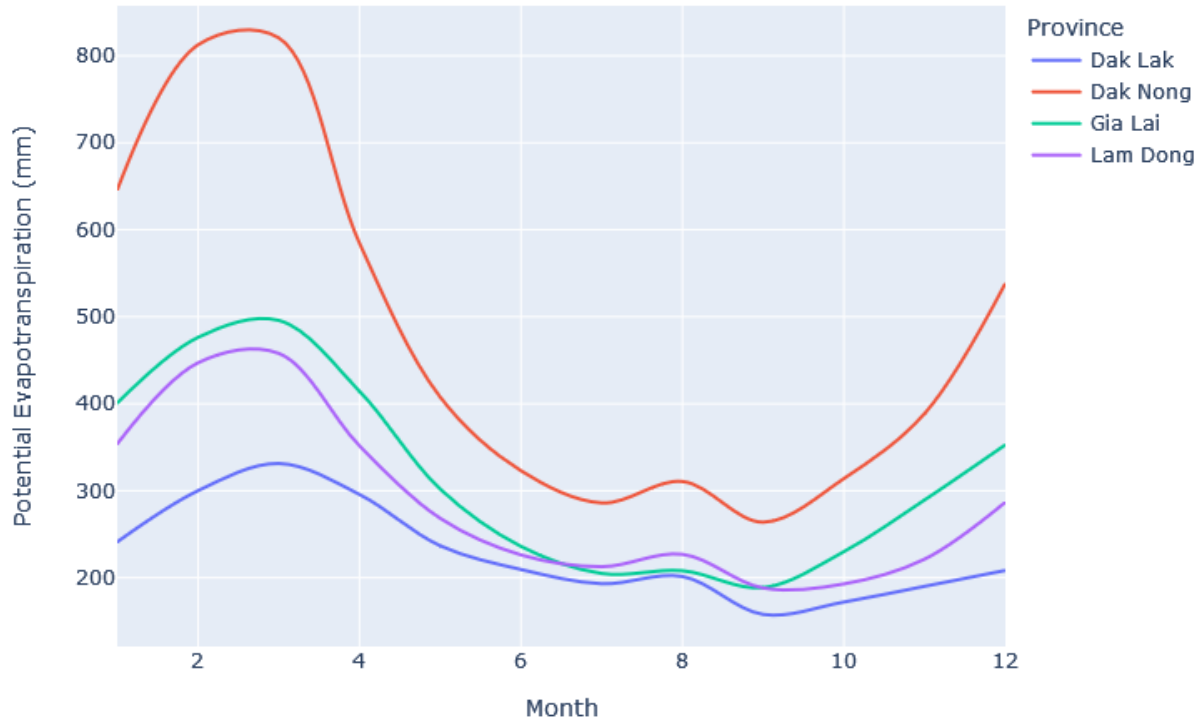
Overall average



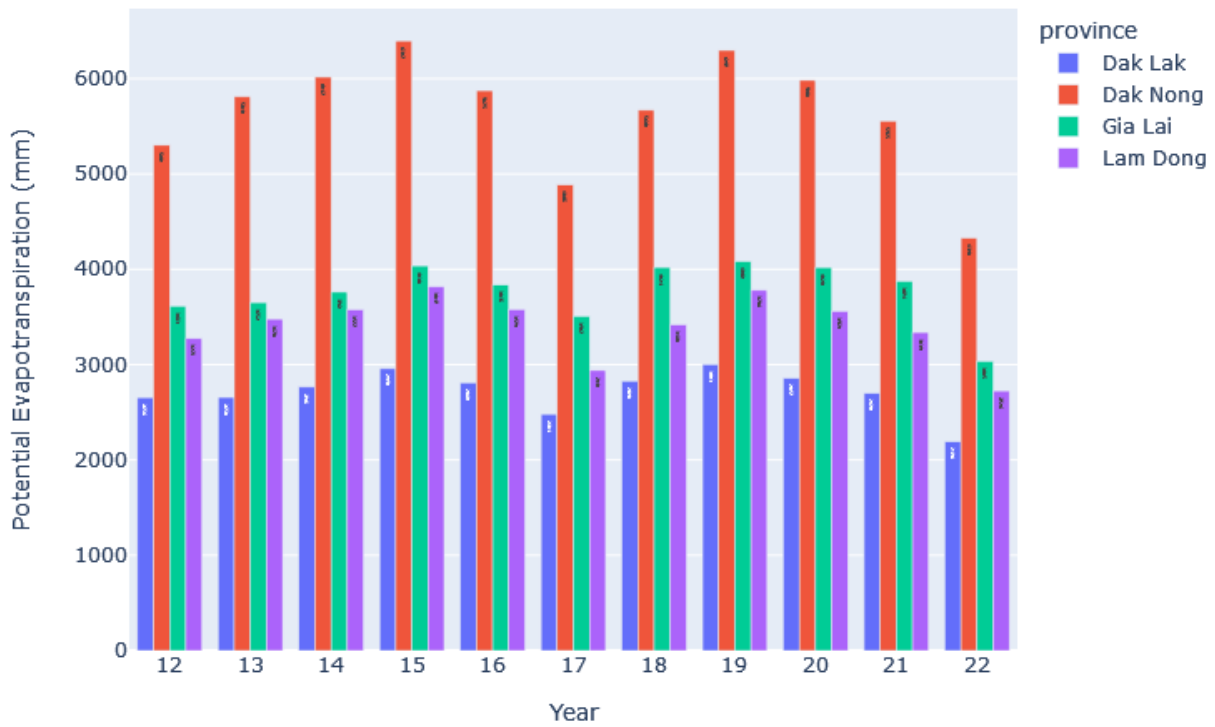
Overall annual average



Provincial level monthly average

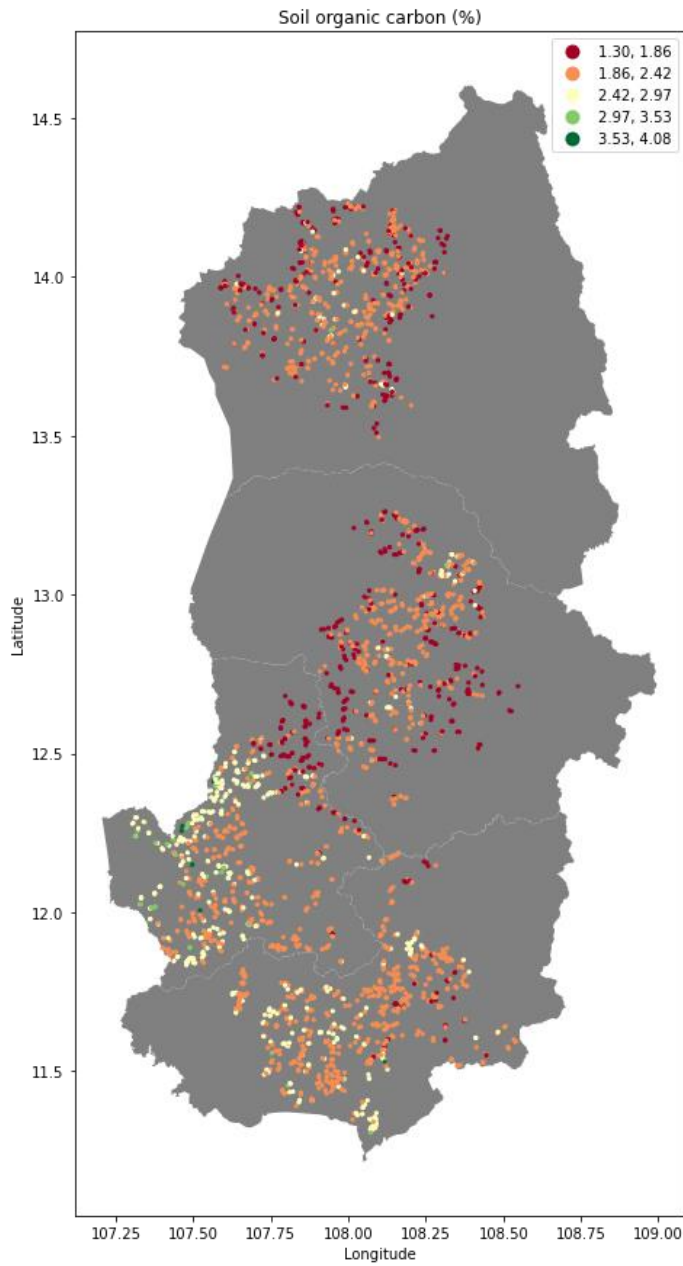


Province level annual average

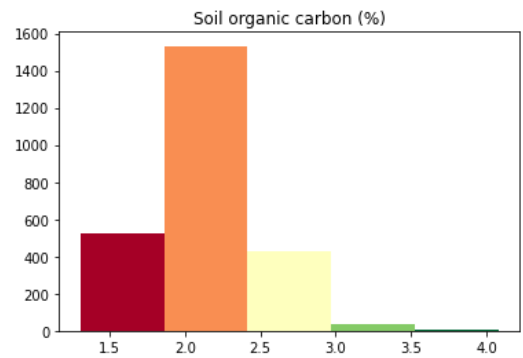


Soil data

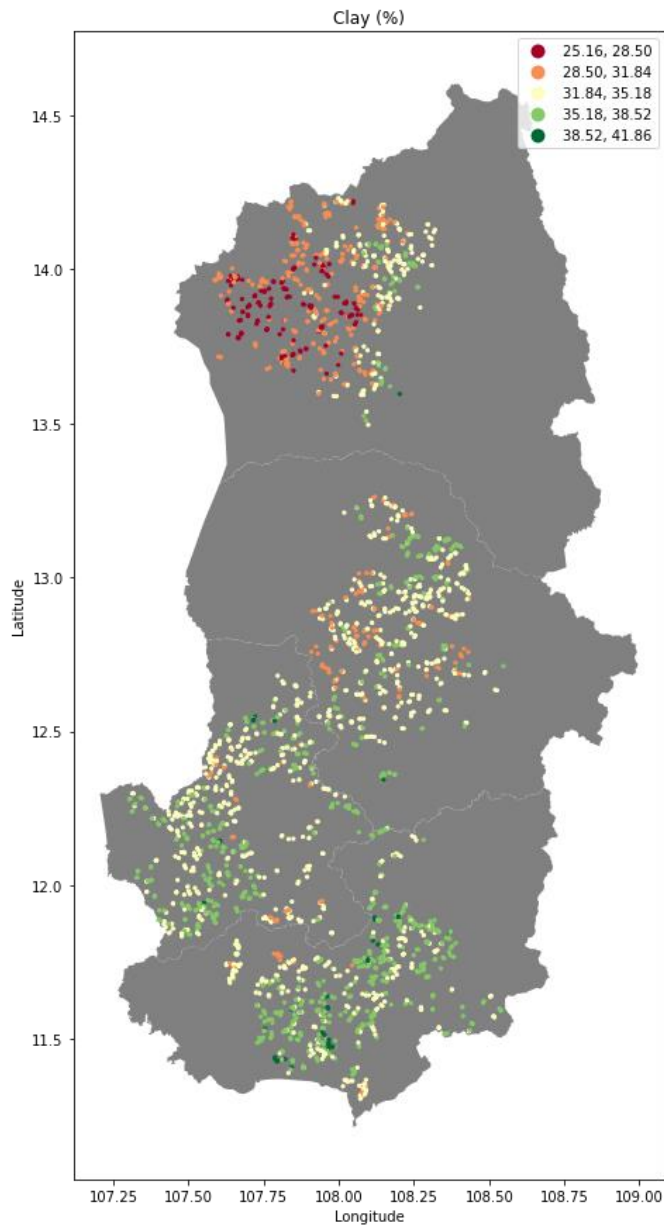
○ Soil Organic Carbon



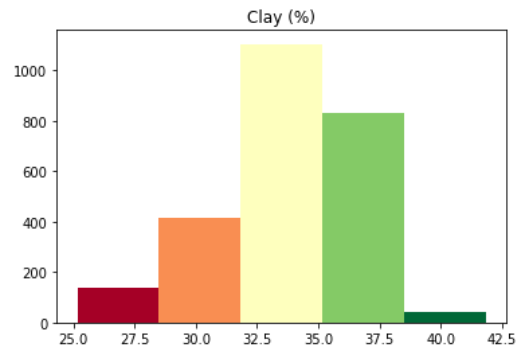
Dataset	Soil organic carbon (%)
Spatial resolution	250 m
Source	ISRIC - Soil Grids



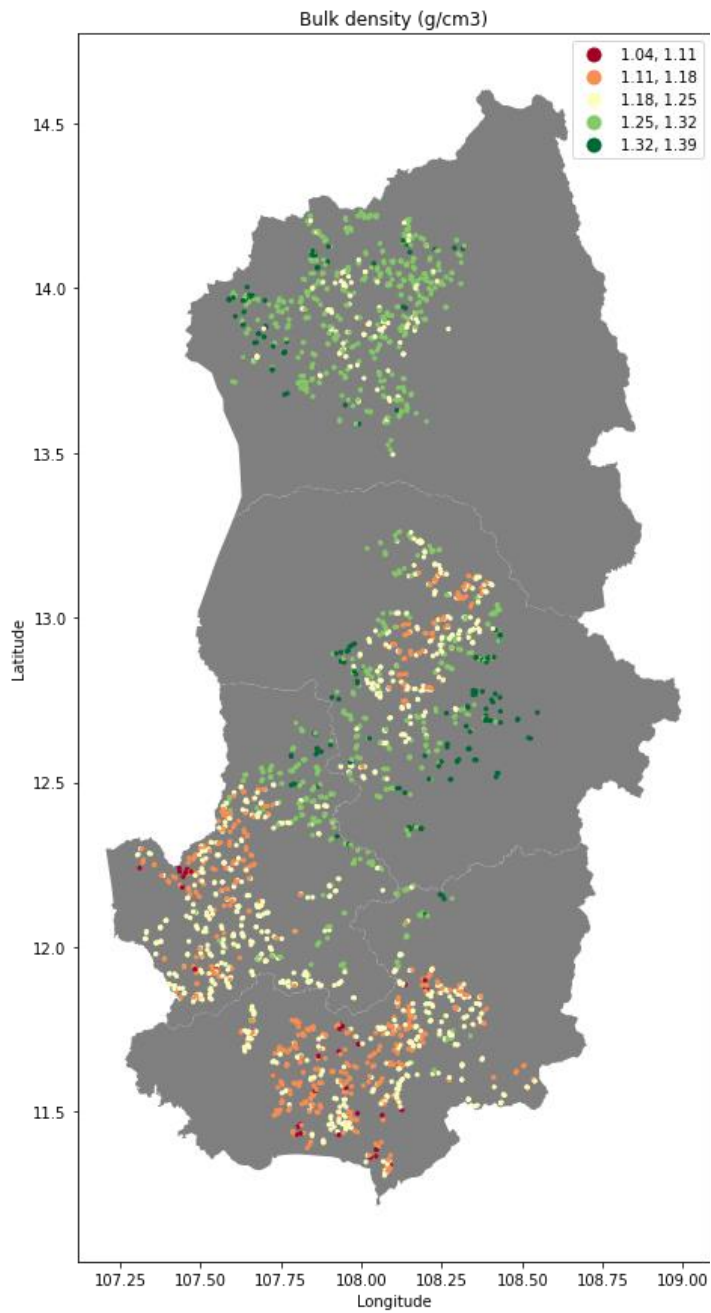
○ Clay



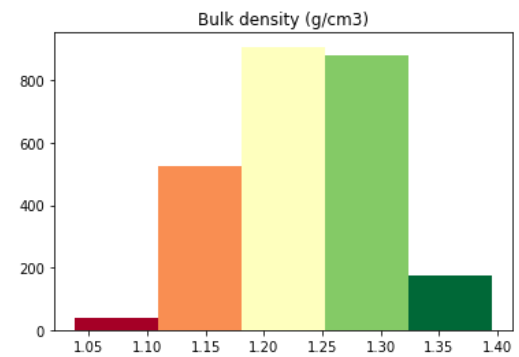
Dataset	Clay (%)
Spatial resolution	250 m
Source	ISRIC - Soil Grids



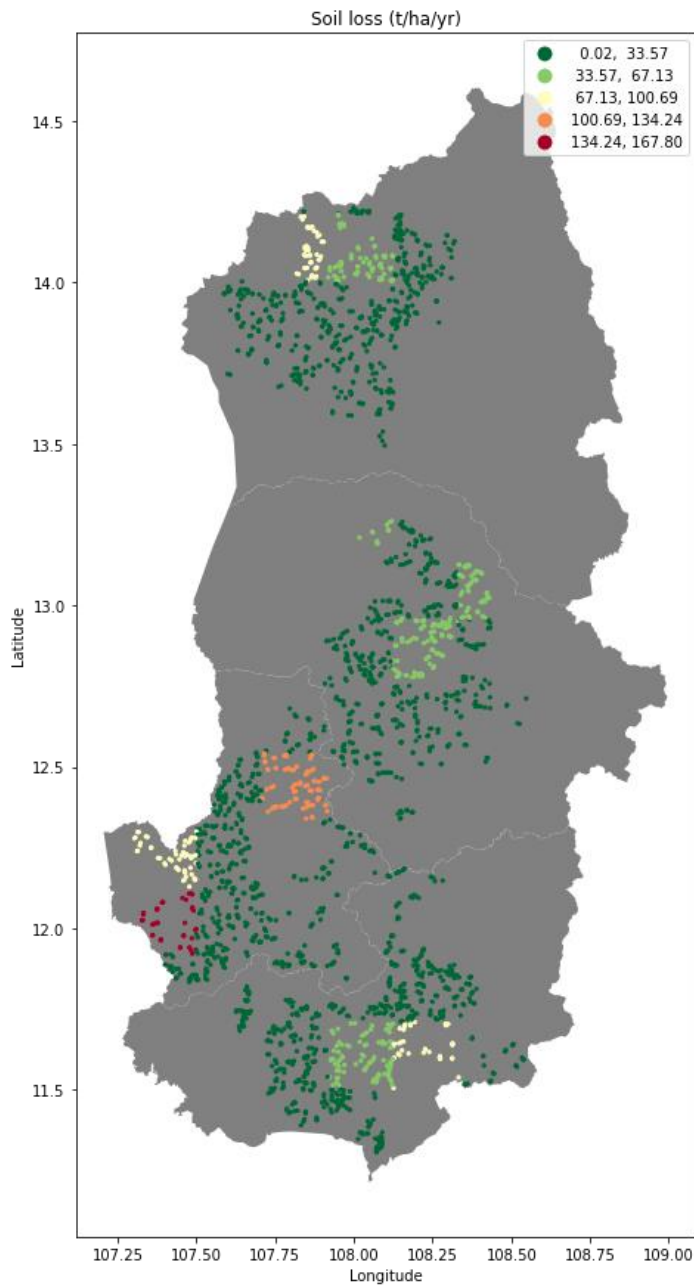
○ Bulk density



Dataset	Bulk Density (g/cm ³)
Spatial resolution	250 m
Source	ISRIC - Soil Grids



○ Soil loss



Dataset	Soil loss (t/ha/yr)
Spatial resolution	25 km
Source	GloSEM - Soil Erosion

