Pedoclimatic dataset, Indonesia

Deliverable A2: Pedoclimatic data description.

Project RFP No.: 2022-007

geotree
ENVIRONMENTAL MONITORING

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Climate data

Geographical distribution of coffee-growing regions across provinces
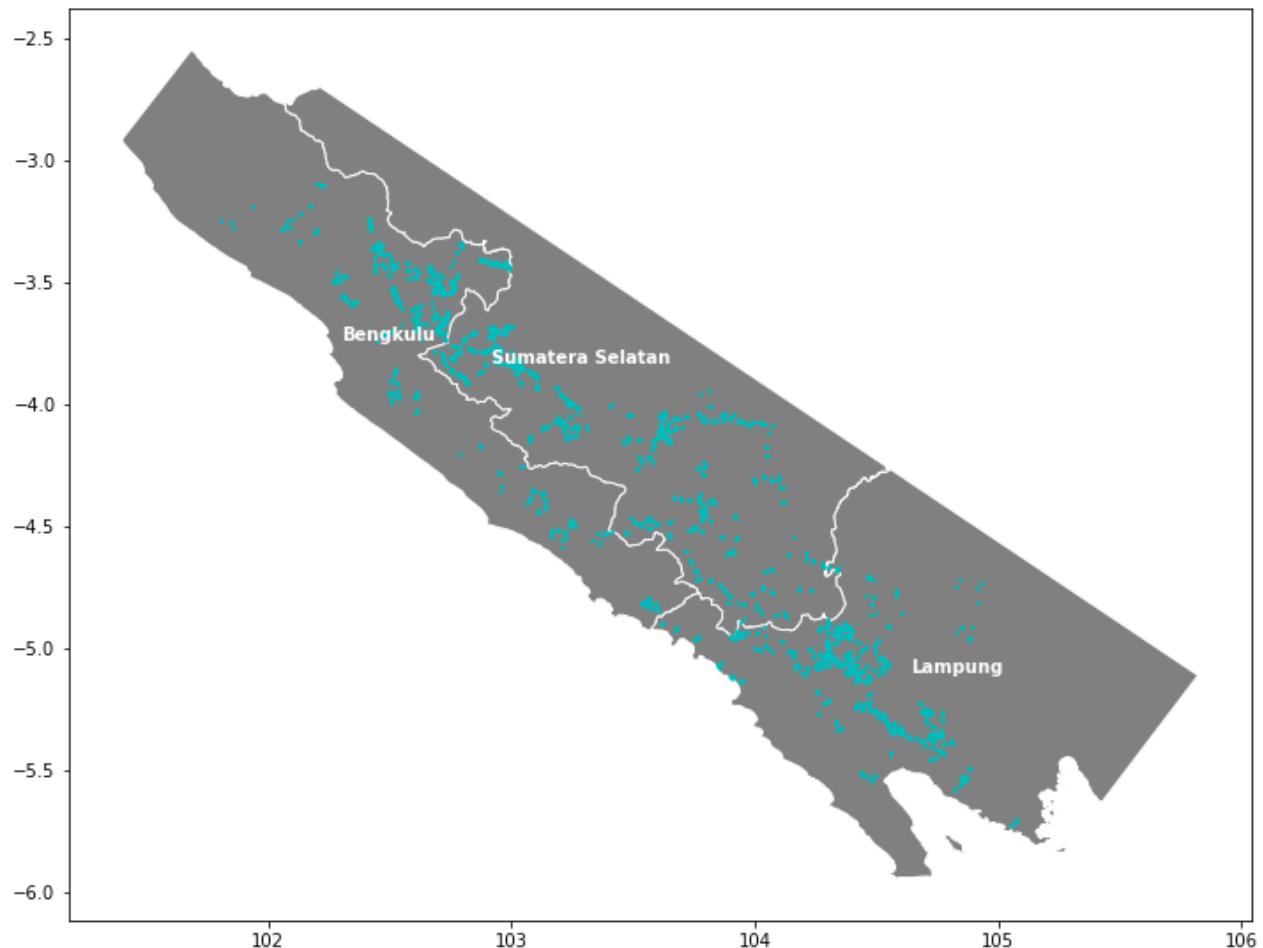
○ **Precipitation**

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

Overall monthly average
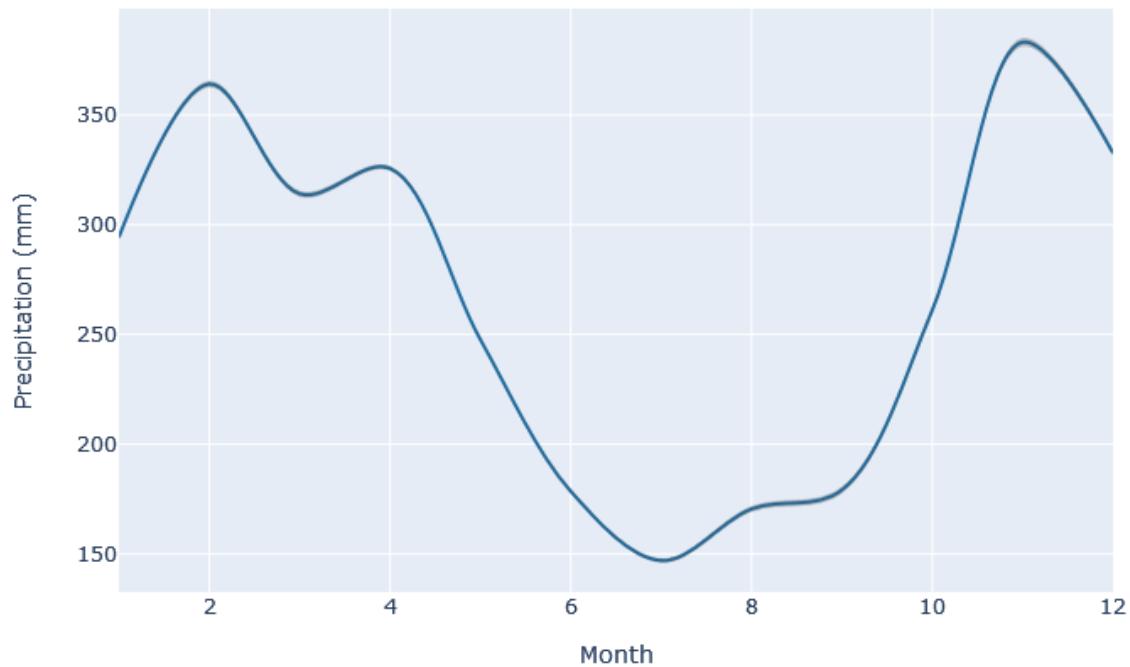
Overall annual average
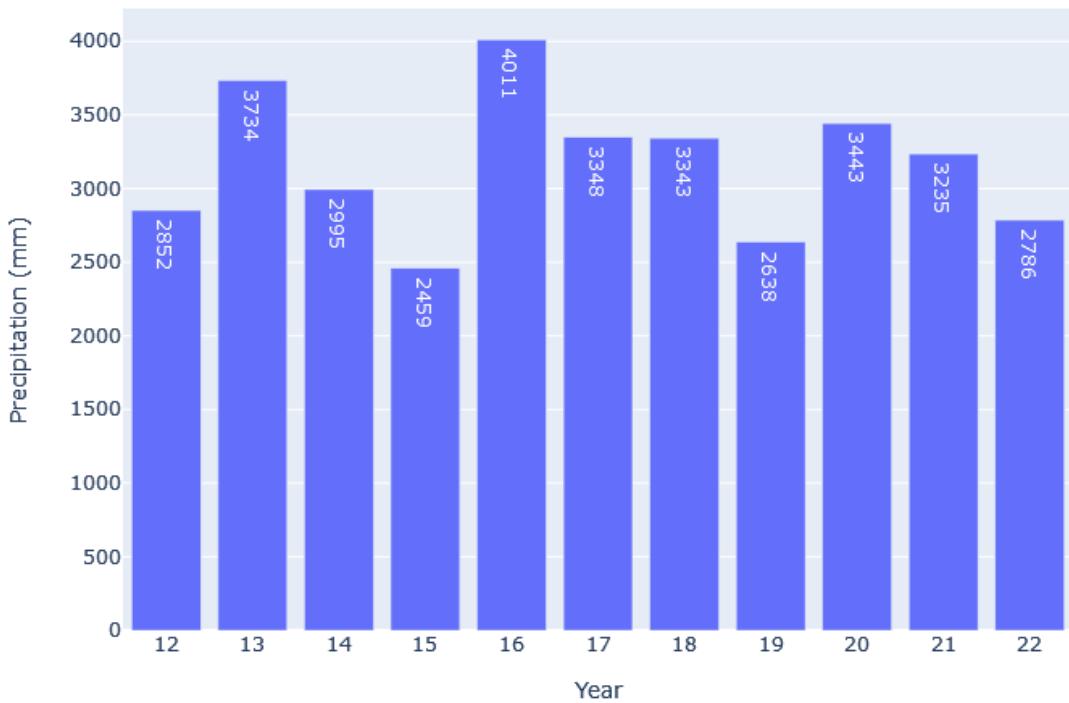
Provincial level monthly average
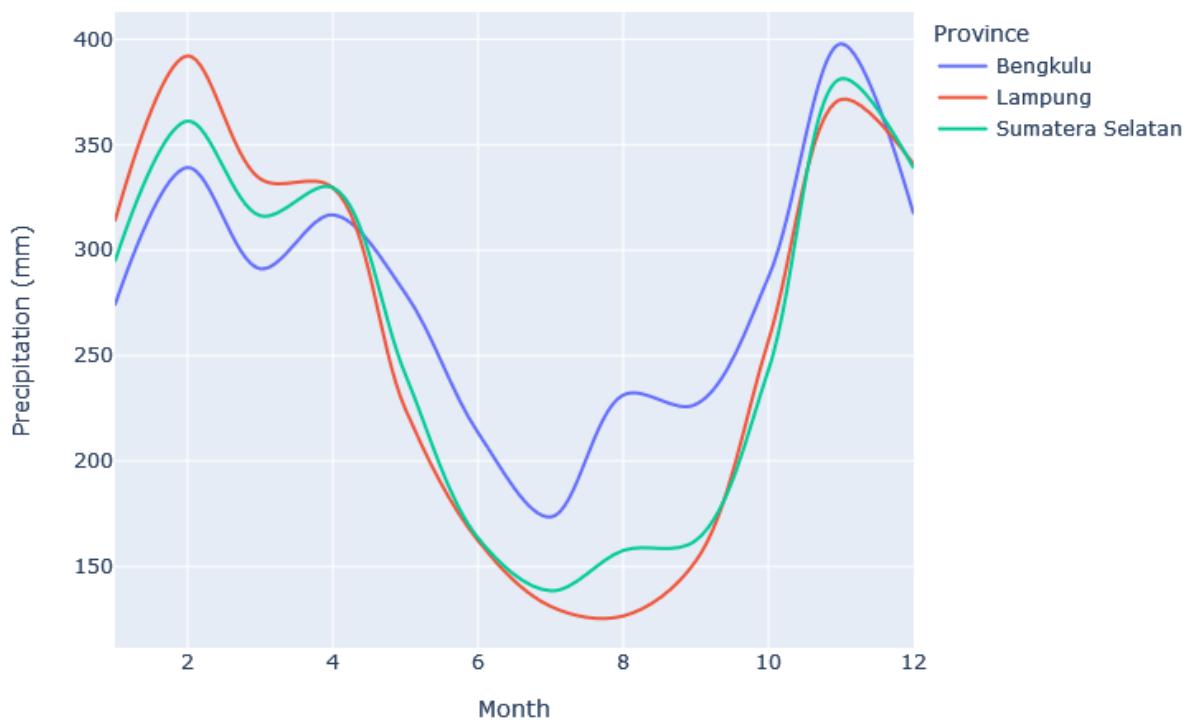
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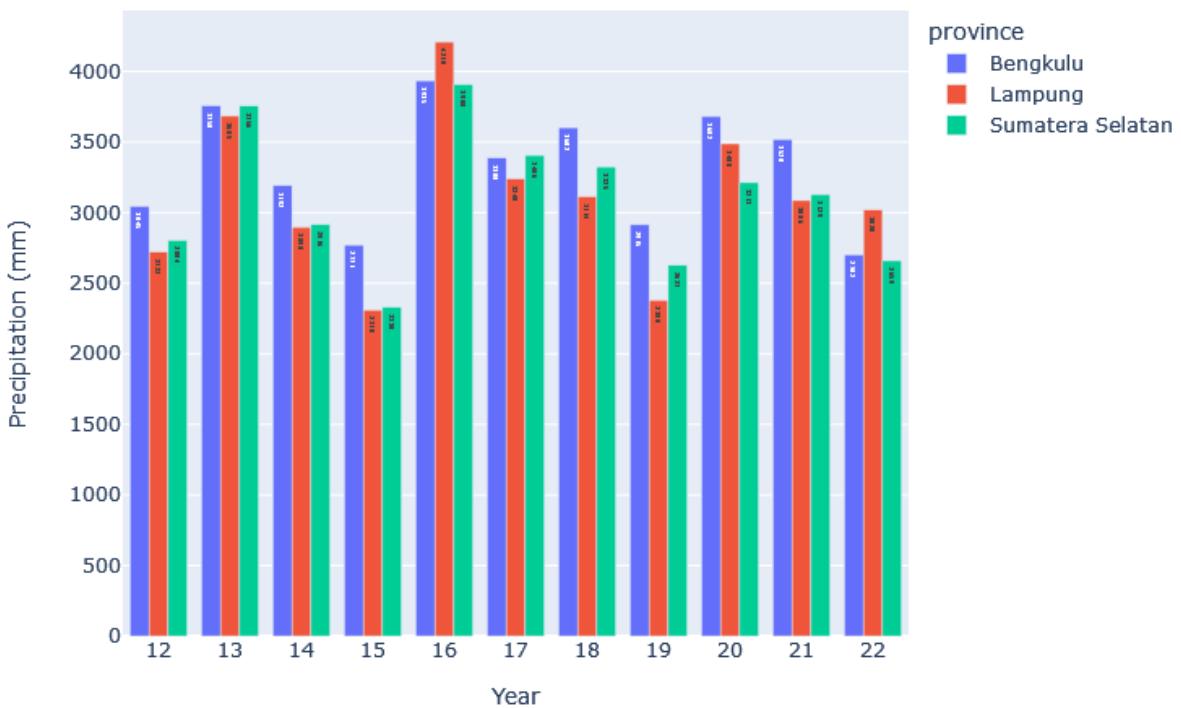
○ **Temperature**

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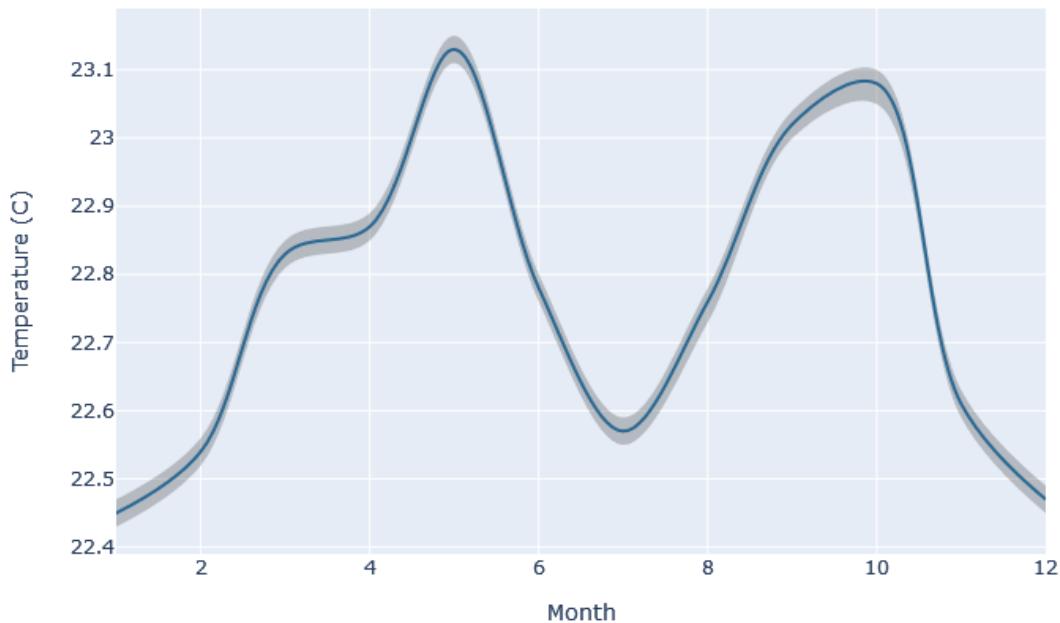
Overall average

Overall annual average
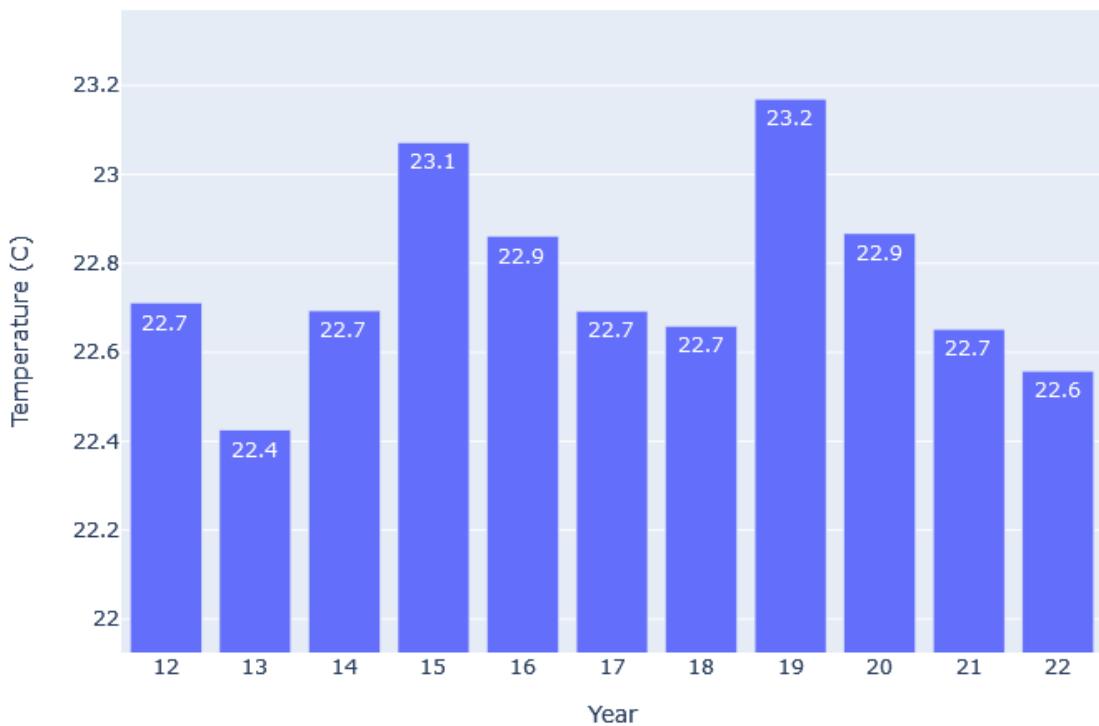
Provincial level monthly average
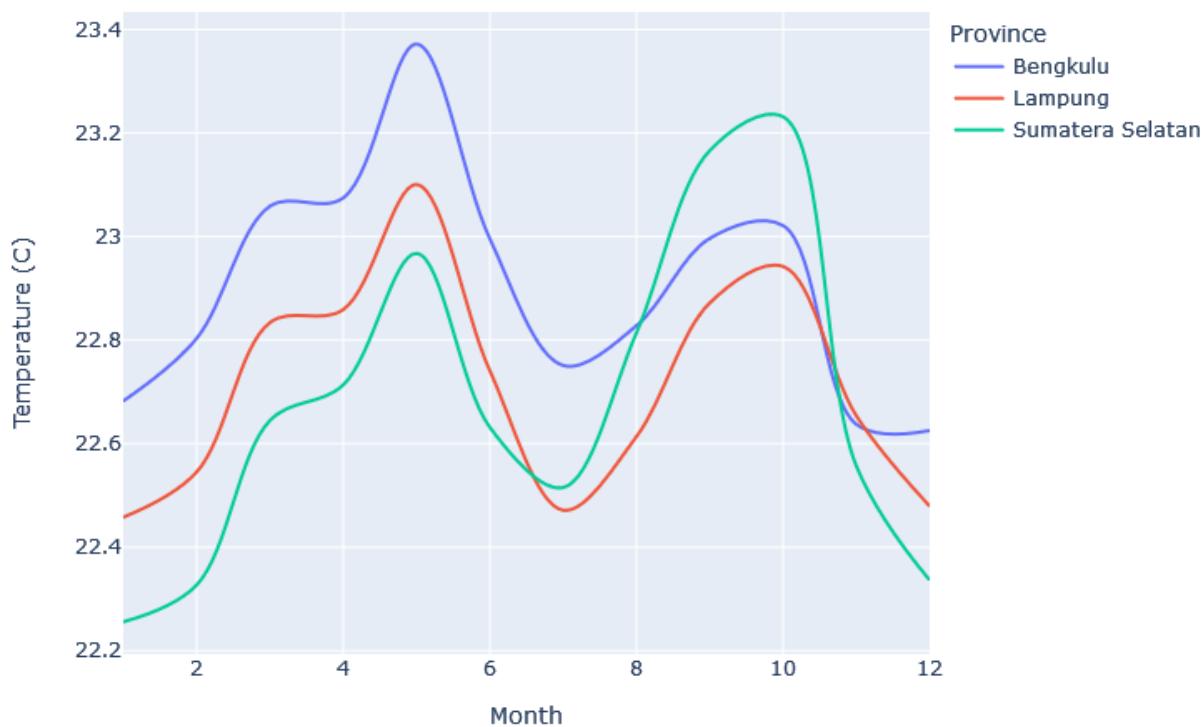
Province level annual average
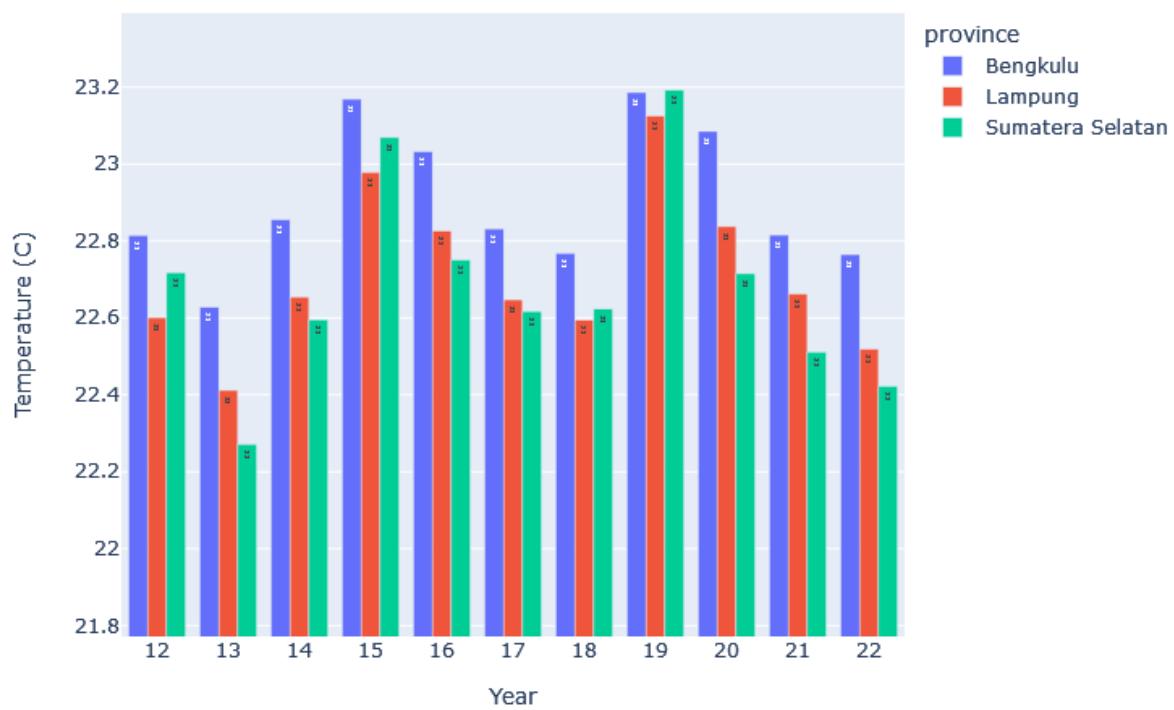
○ **Evapotranspiration**

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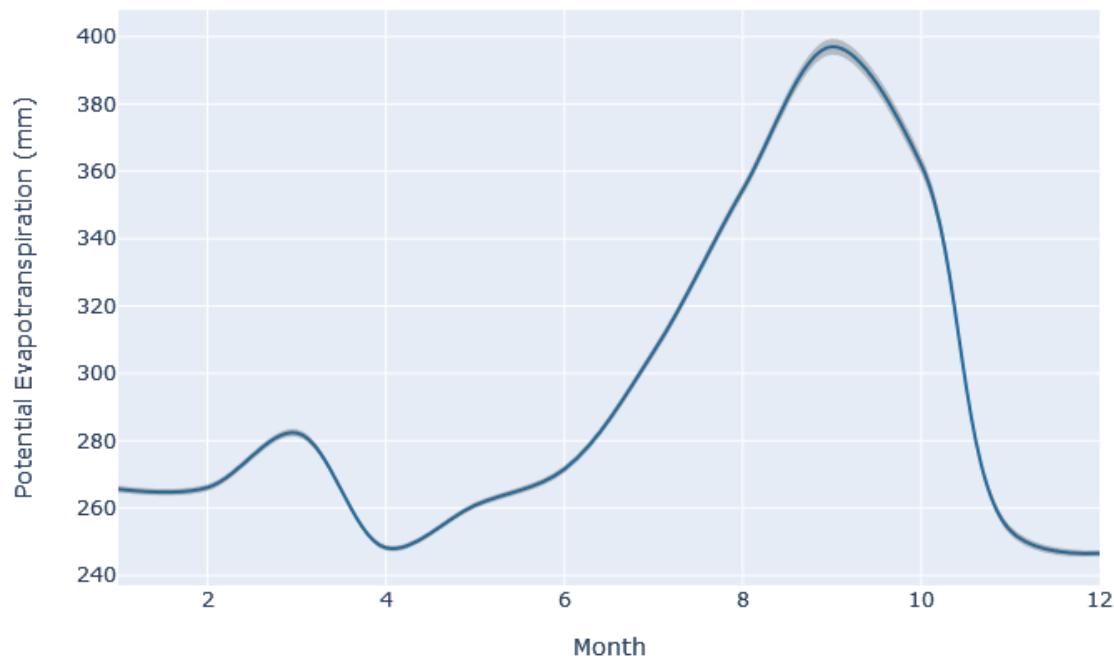
Overall average

Overall annual average
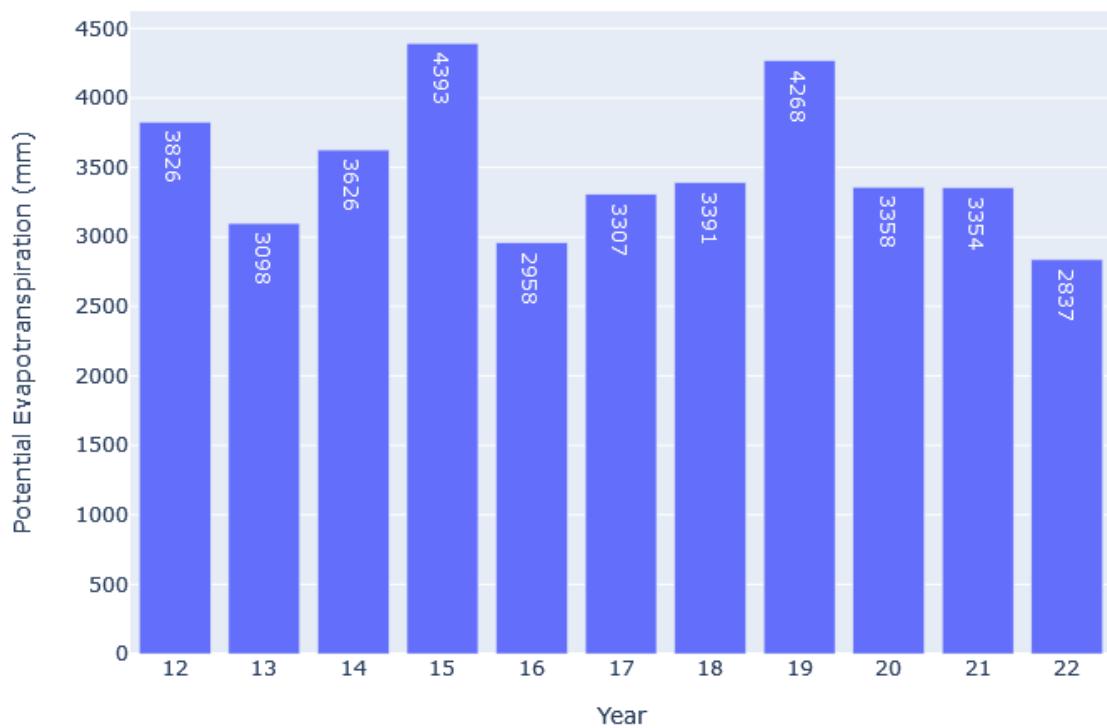
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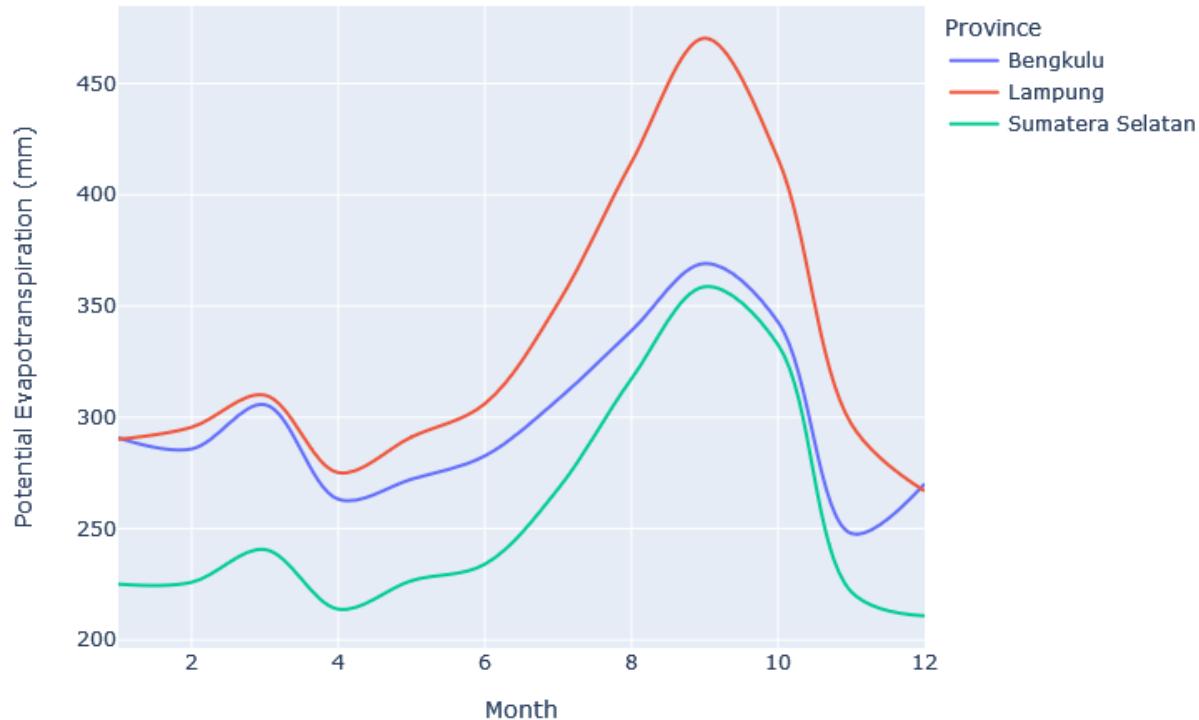
Province level annual average
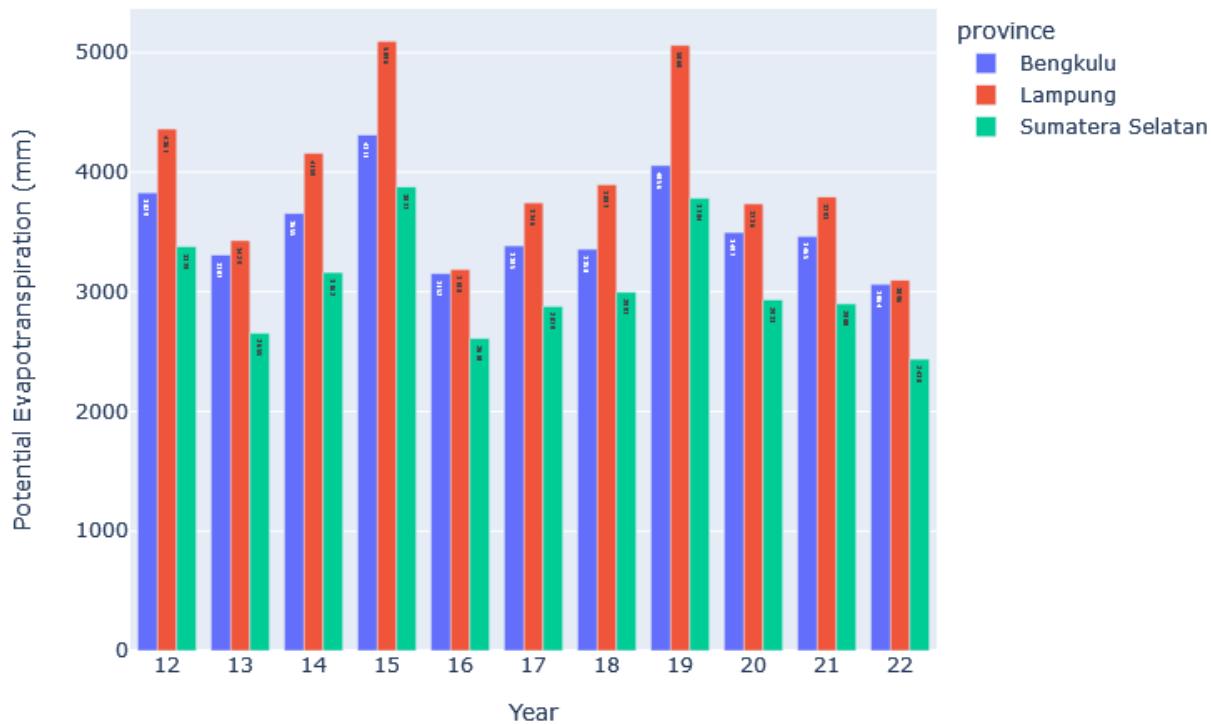
Soil data

○ Soil Organic Carbon

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

Soil organic carbon (%)
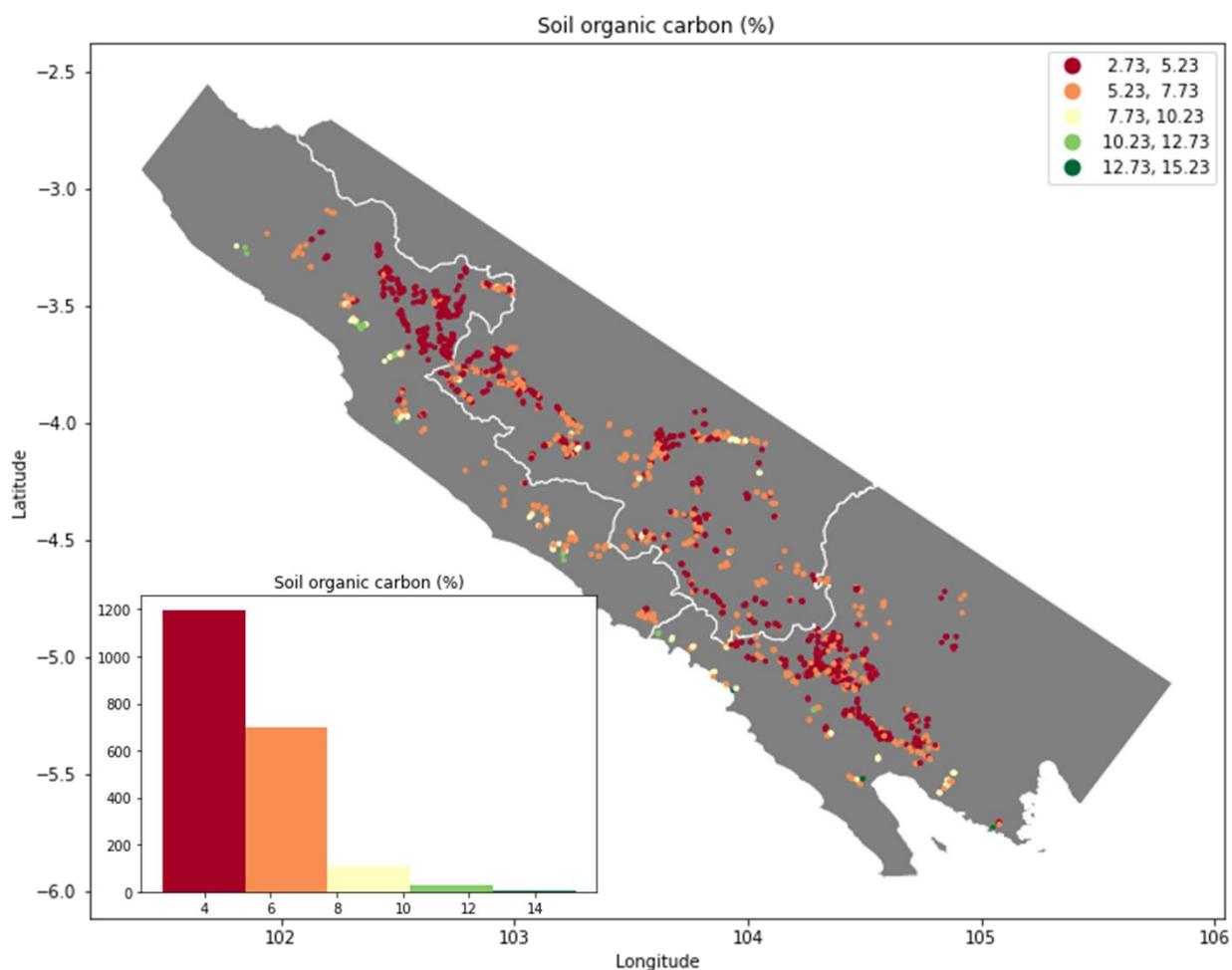
○ **Clay**

Dataset	Clay (%)
Spatial resolution	250 m
Source	ISRIC - Soil Grids
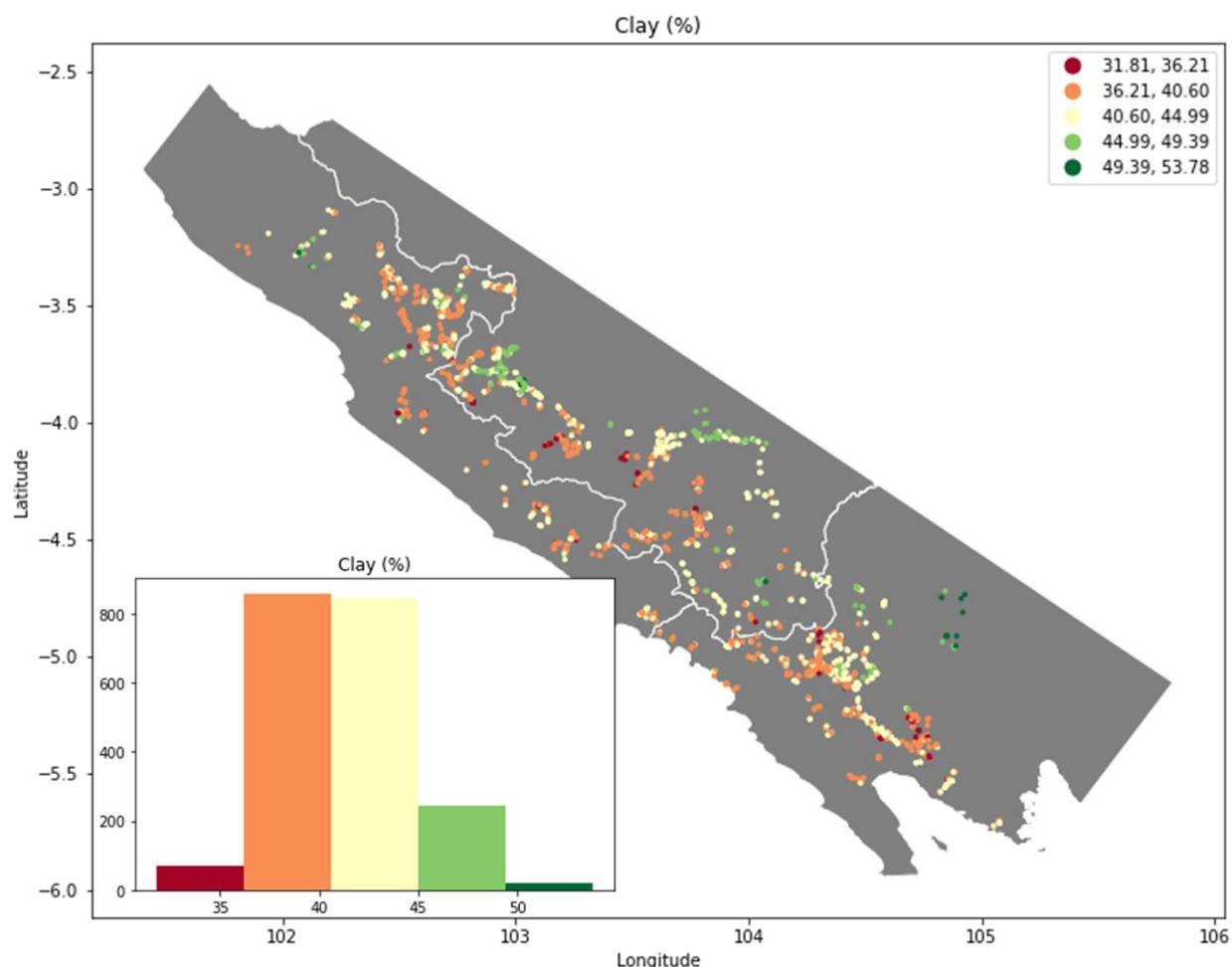
○ **Bulk density**

Dataset	Bulk density (g/cm3)
Spatial resolution	250 m
Source	ISRIC - Soil Grids

Bulk density (g/cm3)
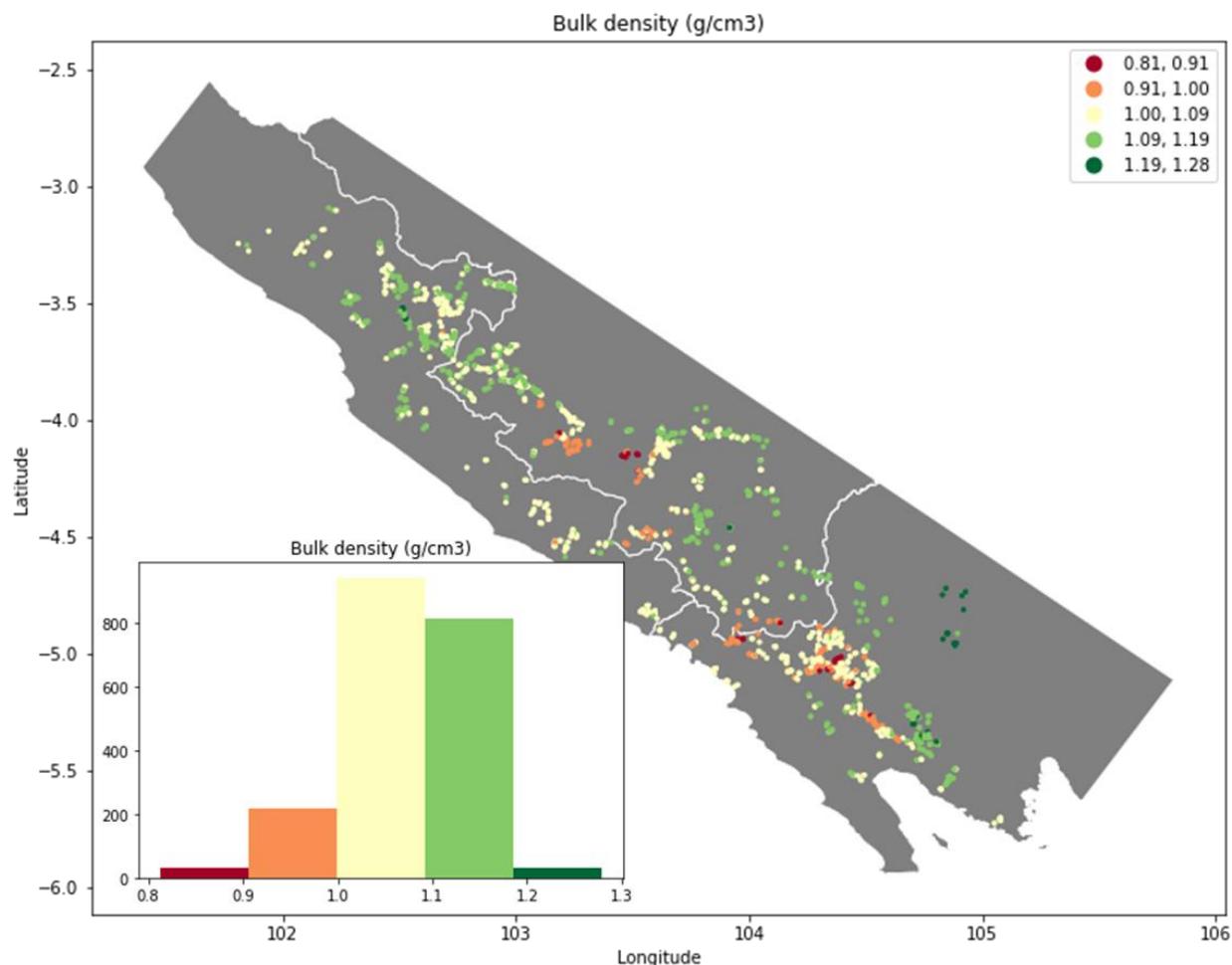
○ **Soil loss**

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

Soil loss (t/ha/yr)