

The document describes a structured dataset organized into five folders, each containing specific types of data related to land cover, primary production, climate, and administrative boundaries.

1. **Modis\_Land\_Cover Data:**

- Contains raster data from 2010 to 2023.
- This data represents land cover classifications over the specified period.

2. **MODIS Gross\_Primary\_Production (GPP):**

- Includes annual raster datasets of Gross Primary Production (GPP) spanning from 2010 to 2023.
- GPP data represents the total amount of carbon dioxide absorbed by vegetation during photosynthesis, measured in **kg\_C/m<sup>2</sup>/year**.
- Note that pixel values of **65533** indicate missing or no data.

3. **Climate\_Precipitation\_Data:**

- Contains annual precipitation data from 2010 to 2023, measured in **mm/year**.
- This dataset provides information on total yearly rainfall, which is essential for understanding climate patterns

4. **GIS Admin Layer:**

- Contains geographical information system (GIS) administrative layers for the region.
- These layers include boundaries, administrative divisions

5. **Streamwater Line and Road Network:**

- Contains data related to streamwater lines and road networks in the region.
- This data includes vector data representing waterways and roads.

6. **Gridded Population Density Data:**

- Contains population density data at a **1km resolution** for the years **2010, 2015, and 2020**.
- This data provides detailed spatial information on population distribution across the region