

Data Types – Shorthand

General:

Climatic Data

NOAA/NCEP CFSv2 Climate Forecast System

<https://www.ncdc.noaa.gov/data-access/model-data/modeldatasets/climate-forecast-system-version2-cfsv2>

[Majority of meteorological data]

Climatic Data

NASA Earth Observations

<https://neo.sci.gsfc.nasa.gov/>

[Specifically: Rainfall, Clouds, Aerosols]

Aerial Imagery

NASA Blue Marble Imagery

<https://visibleearth.nasa.gov/collection/1484/blue-marble>

Aerial Imagery 2

Landsat Imagery

<https://earthexplorer.usgs.gov/>

Topography + Bathymetry (1-arc minute)

ETOPO1 Global Relief Model

<https://www.ngdc.noaa.gov/mgg/global/>

Topography (30-arc seconds)

GTOPO30 DEM

https://www.usgs.gov/centers/eros/science/usgs-eros-archive-digital-elevation-global-30-arc-second-elevation-gtopo30?qt-science_center_objects=0#qt-science_center_objects

Topography (1-arc second)

STRM 1-Arc Second Global DEM

https://www.usgs.gov/centers/eros/science/usgs-eros-archive-digital-elevation-shuttle-radar-topography-mission-srtm-1-arc?qt-science_center_objects=0#qt-science_center_objects

Global GIS Data

Natural Earth

<https://www.naturalearthdata.com/>

Local GIS Data

OpenStreetMap

<https://www.geofabrik.de/data/download.html>

Crustal Layers

Crust 1.0 Model

<https://igppweb.ucsd.edu/~gabi/crust1.html>

Fault Lines

GEM Global Active Faults Database

<https://github.com/GEMScienceTools/gem-global-active-faults>

Observation Instruments

WMO Integrated Global Observing System Stations Catalogue

<https://oscar.wmo.int/surface//index.html#/>

Seismic Events

USGS Earthquake Catalogue

<https://earthquake.usgs.gov/earthquakes/search/>

Specific:

Water Surface Flooding

ESA Sentinel-1 Satellite Imagery, Copernicus Sentinel data [acquired 2019], processed by ESA's Sentinel Toolkit

<https://scihub.copernicus.eu/>

Temporal Satellite Imagery

NASA Worldview

<https://worldview.earthdata.nasa.gov/>

Tibetan Plateau Movement

Three-dimensional velocity field of present-day crustal motion of the Tibetan Plateau derived from GPS measurements

S. Liang et al. JGR: Solid Earth, Vol.118, Issue 10, October 2013.

<https://agupubs.onlinelibrary.wiley.com/doi/full/10.1002/2013JB010503#>

Bangladesh Garment Factories

NYU Stern School of Business and Human Rights Dataset

<https://bhr.stern.nyu.edu/blogs/2019/2/5/garment-factories-in-bangladesh-interactive-map>

BRI Countries

Country List

<https://green-bri.org/countries-of-the-belt-and-road-initiative-bri/>

Myanmar Oil + Gas Blocks

Open Development Myanmar

<https://data.opendevdevelopmentmyanmar.net/dataset/myanmar-oil-and-gas-blocks>

Atmospheric Section Data (aerosols)

NASA Calypso Data Product

<https://www-calipso.larc.nasa.gov/>

Submarine Data Cables

Gregs Cable Map

<https://koordinates.com/layer/3722-undersea-telecommunication-cables/>

Watershed Areas

HydroSHEDS

<https://www.hydrosheds.org/>

Indian Satellites

Wikipedia: List of Indian Satellites

https://en.wikipedia.org/wiki/List_of_Indian_satellites

Global Historic Rainfall (Monsoon Clocks)

Climatic Research Unit (CRU) of University of East Anglia (UEA)

<http://sdwebx.worldbank.org/climateportal/>