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dervlamk for Milena (UCI) 47b9678 · 5 minutes ago History

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March 2023

In this notebook, I'll walk through an example of how to import Python packages, read and manipulate a netcdf file, and create a plot of temperatures simulated by a climate model. In the blank sections below, use this example as a template to do the same for precipitation.

Load Python packages

You only need to do this once at the top of any Python script or Jupyter notebook

```
In [8]: import xarray as xr
import netCDF4 as nc
import numpy as np

import cartopy.crs as ccrs
from cartopy.mpl.gridliner import LONGITUDE_FORMATTER, LATITUDE_FORMATTER
import matplotlib.pyplot as plt
```

Example for slicing and plotting Rocky Mountain topography data

Open temperature data


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