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Homework #1

Some datasets that will be extremely valuable for my research, I obtained from the University Corporation for Atmospheric Research (UCAR) website. They have atmospheric datasets with temperature, precipitation and snow depth. They have oceanographic datasets, which are what I used to obtain sea surface temperature, sea level pressure, air temperature, wind speed and velocity, and a number of other important variables that people might use to track changes in the oceans and the atmosphere. The geophysical datasets appear to have global elevation, depth, vegetation, albedo, soil, surface slope and more. The hydrology datasets contain monthly discharges on major rivers across the world. UCAR's site requires that you sign up with them and be affiliated with some university, or have some need for the data. It is an easy process and can be done in about a day, and then they have many helpful, free datasets.