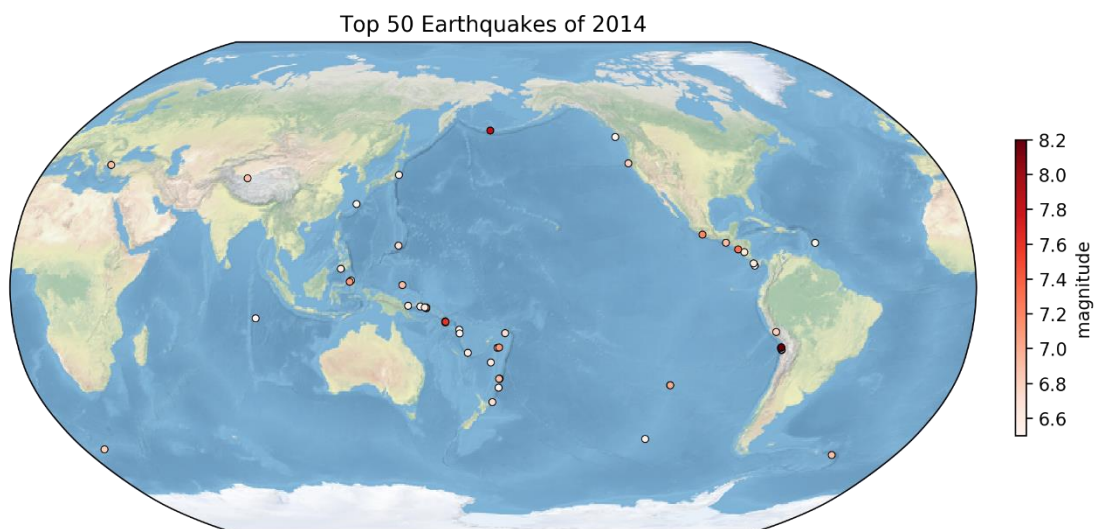
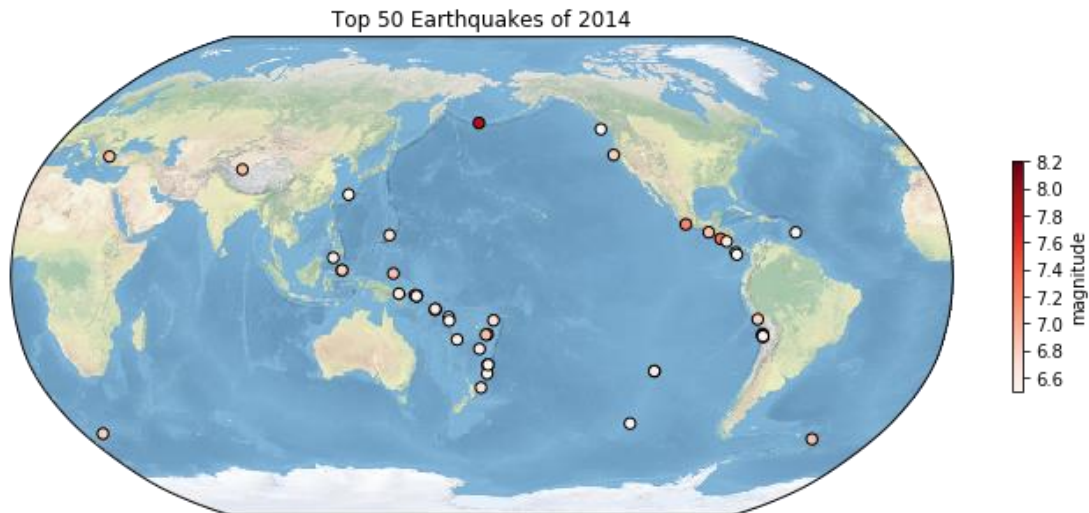


1. Global Earthquakes

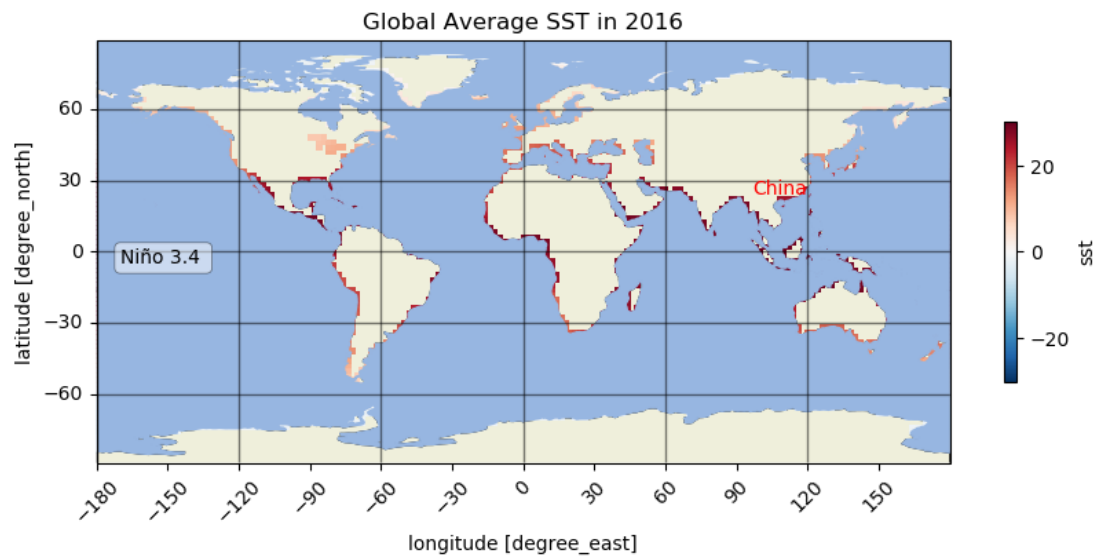
In this problem set, we will use [this file](#) from the USGS Earthquakes Database. The dataset is similar to the one you use in [Assignment 02](#). Use the file provided (`usgs_earthquakes.csv`) to recreate the following map. Use the `mag` column for magnitude. **[10 points]**



2. Explore a netCDF dataset

Browse the NASA's Goddard Earth Sciences Data and Information Services Center (GES DISC) [website](#). Search and download a dataset you are interested in. You are also welcome to use data from your group in this problem set. But the dataset should be in `netCDF` format. For this problem set, you are welcome to use the same dataset you used in [Assignment 03](#).

2.1 [10 points] Make a global map of a certain variable. Your figure should contain: a project, x label and ticks, y label and ticks, title, gridlines, legend, colorbar, masks or features, annotations, and text box (**1 point each**).



2.2 [10 points] Make a regional map of the same variable. Your figure should contain: a different project, x label and ticks, y label and ticks, title, gridlines, legend, colorbar, masks or features, annotations, and text box (**1 point each**).

