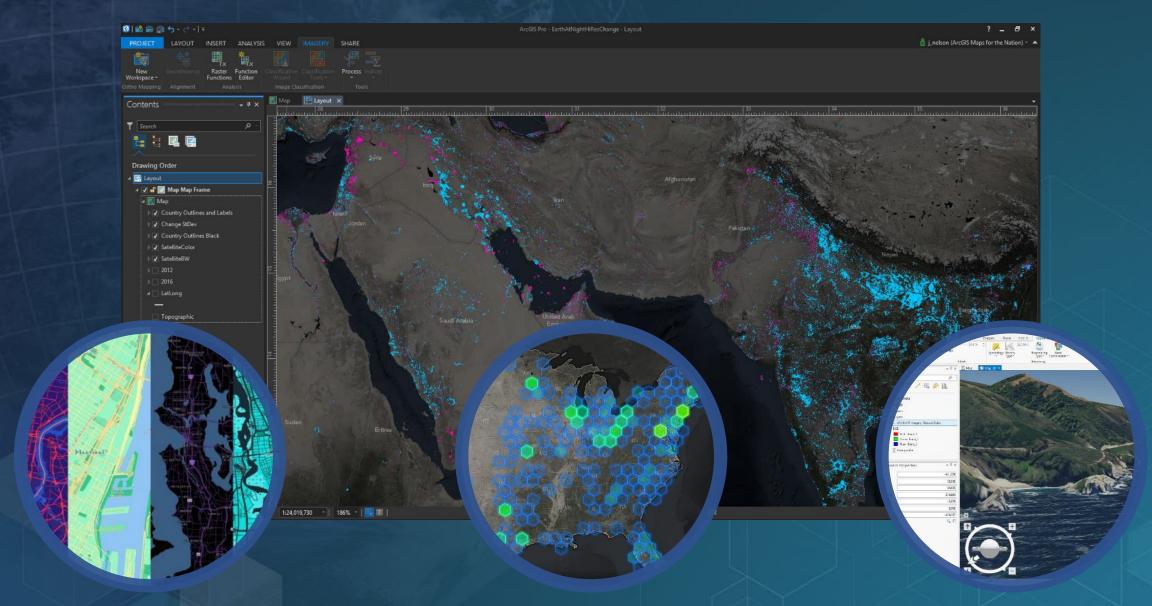
# Making Beautiful Maps for Education using ArcGIS Pro and ArcGIS Online livingatlas.arcgis.com

Dan Pisut dpisut@esri.com





#### Download the free 21-day trial software

https://www.esri.com/en-us/arcgis/products/arcgis-pro/trial

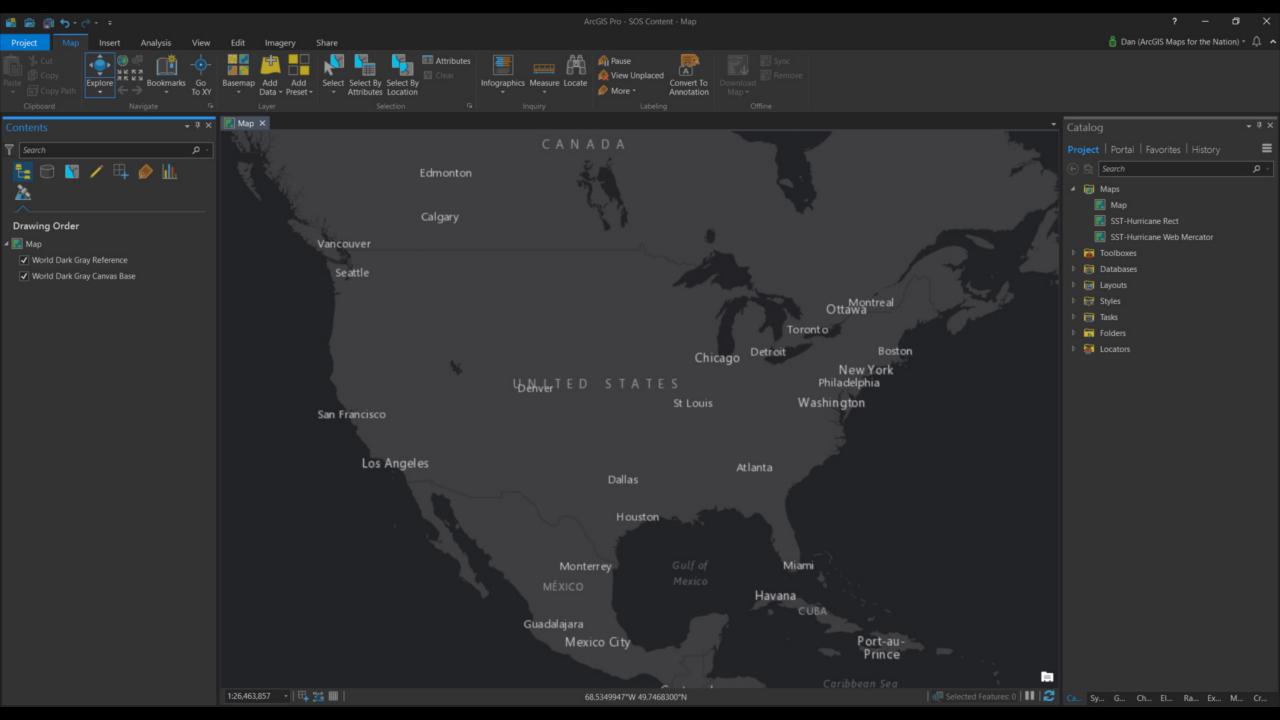
### Creating a good map

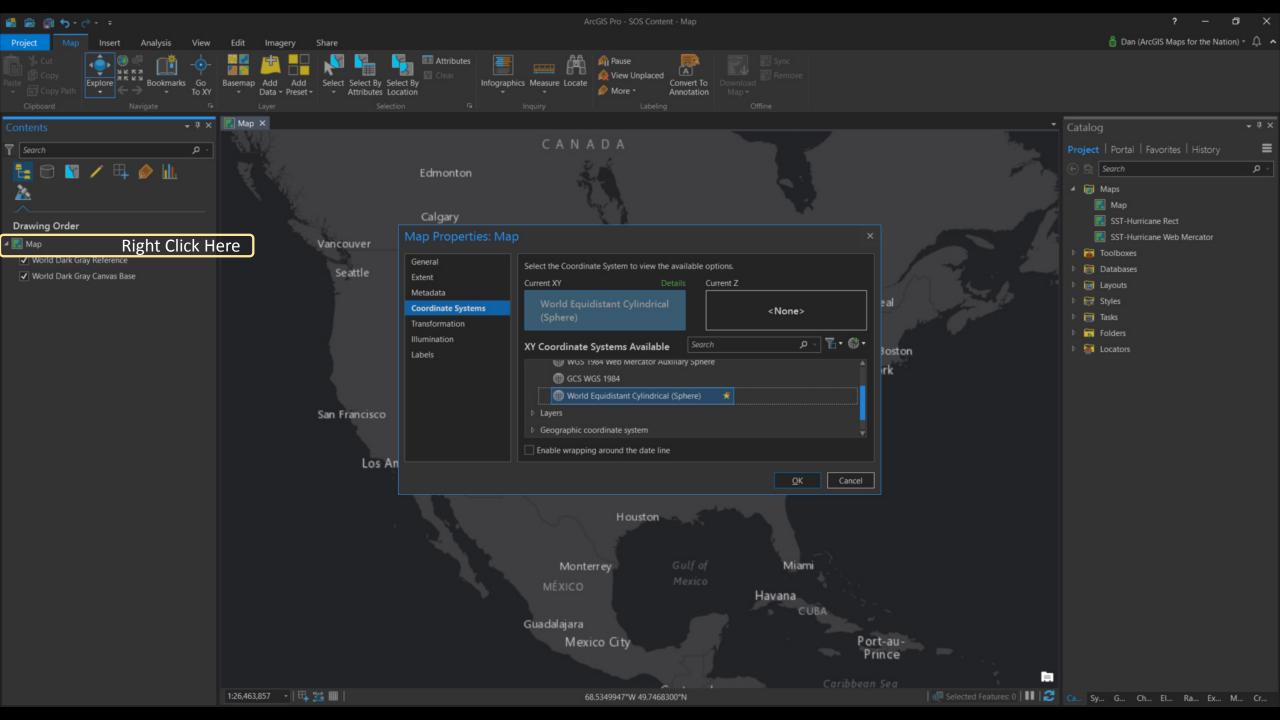
- 1. What is the message?
- 2. How will it be seen? e.g., SOS, web map, print, etc.
- 3. Pick a good basemap
- 4. Pick a symbology that doesn't distort #1
- 5. Use good color choice
- 6. Label what needs to be labeled

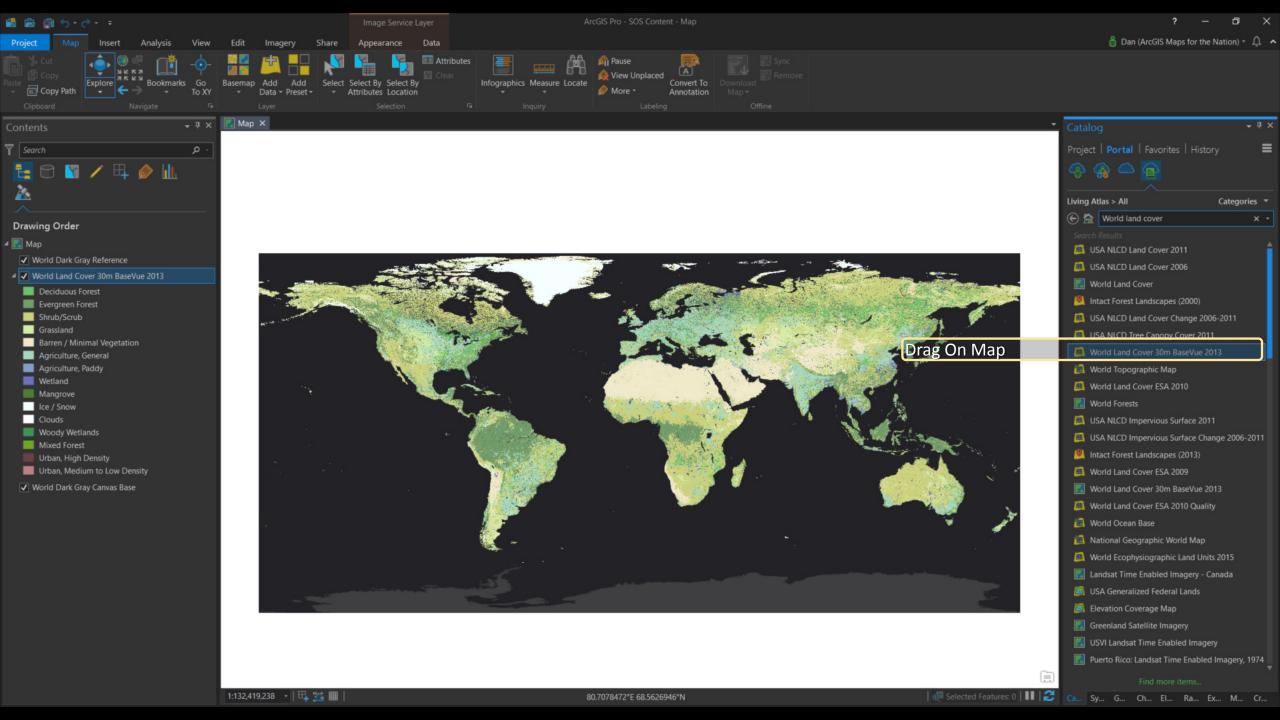


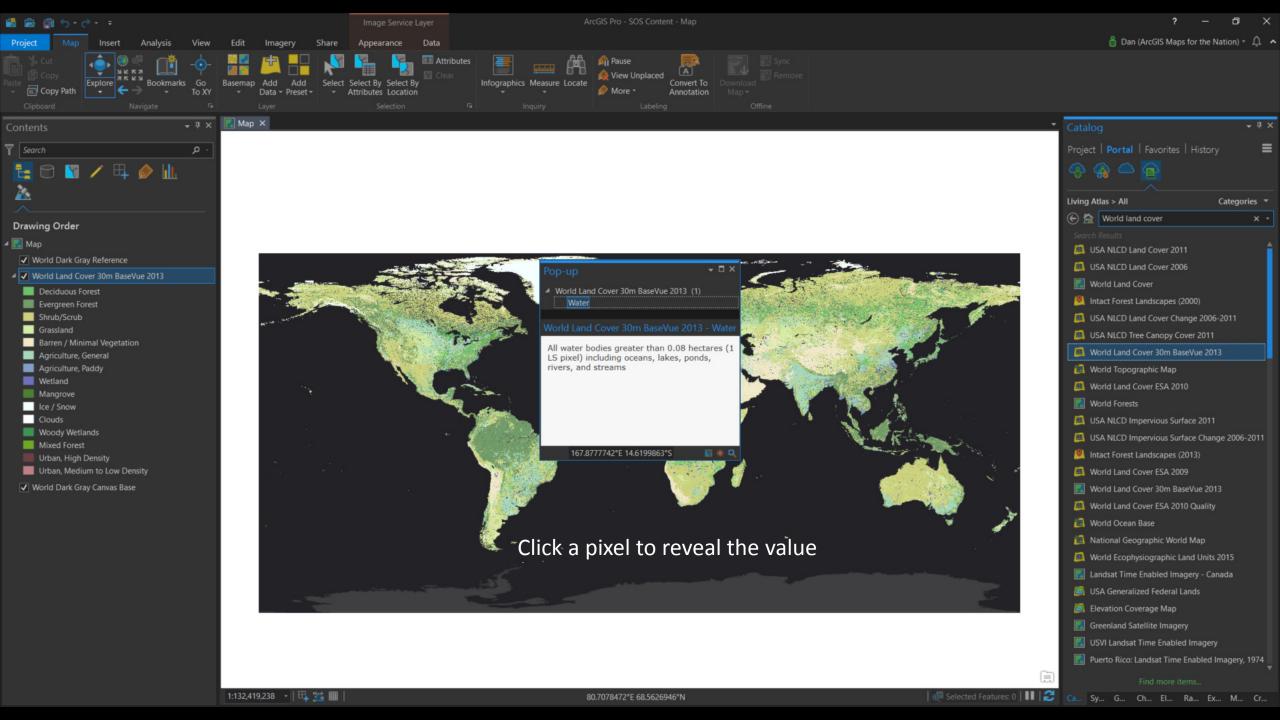
Download the PPT https://tinyurl.com/y9qmk4vb

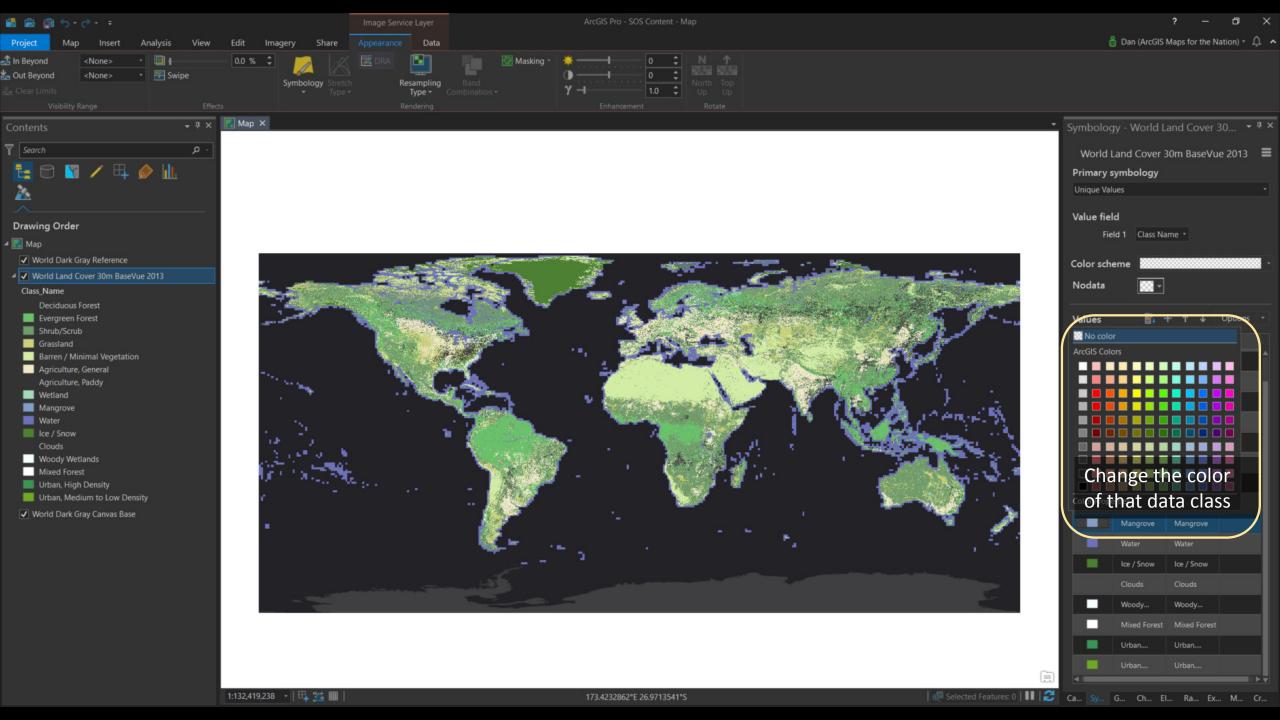
Download the Files https://tinyurl.com/ybr83t85

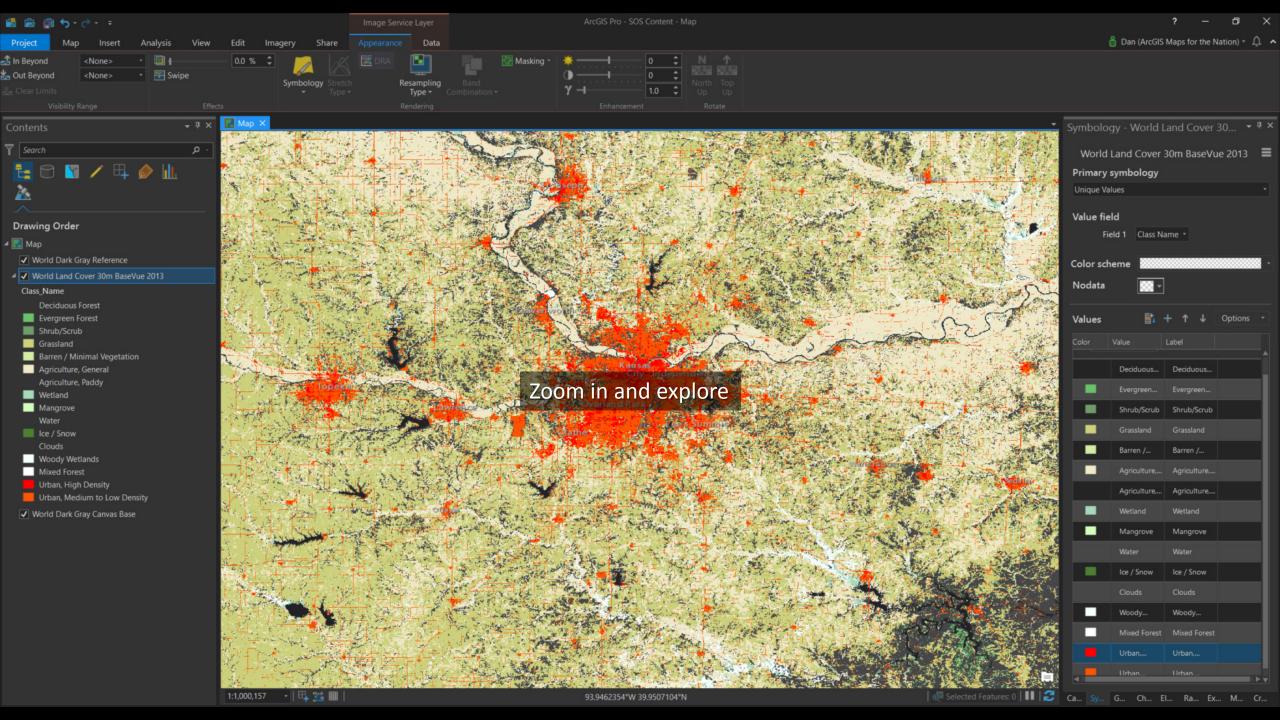




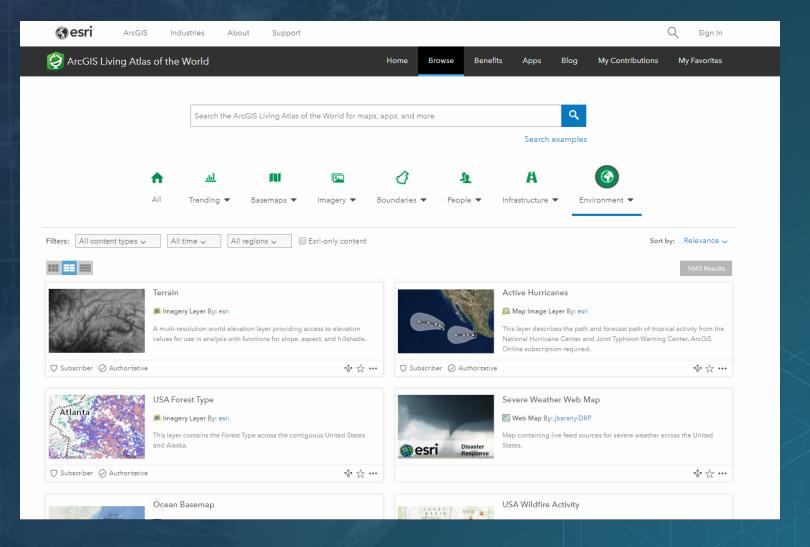








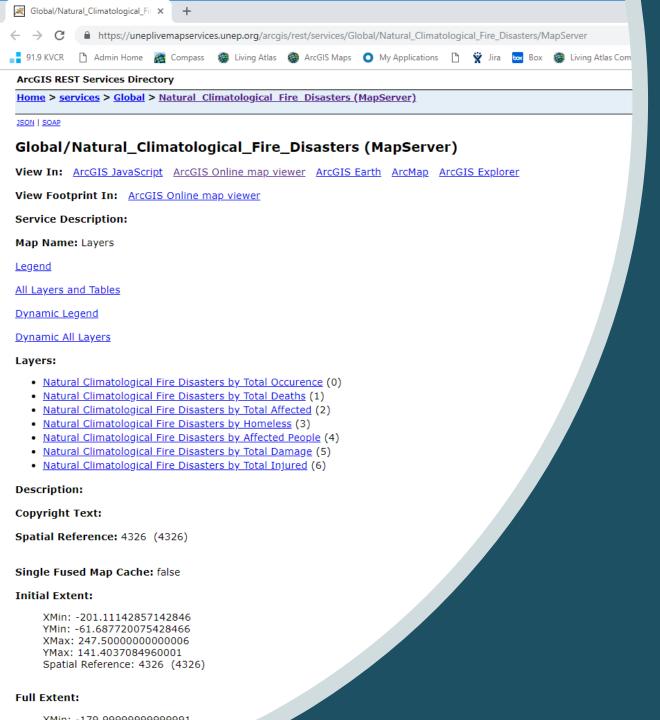




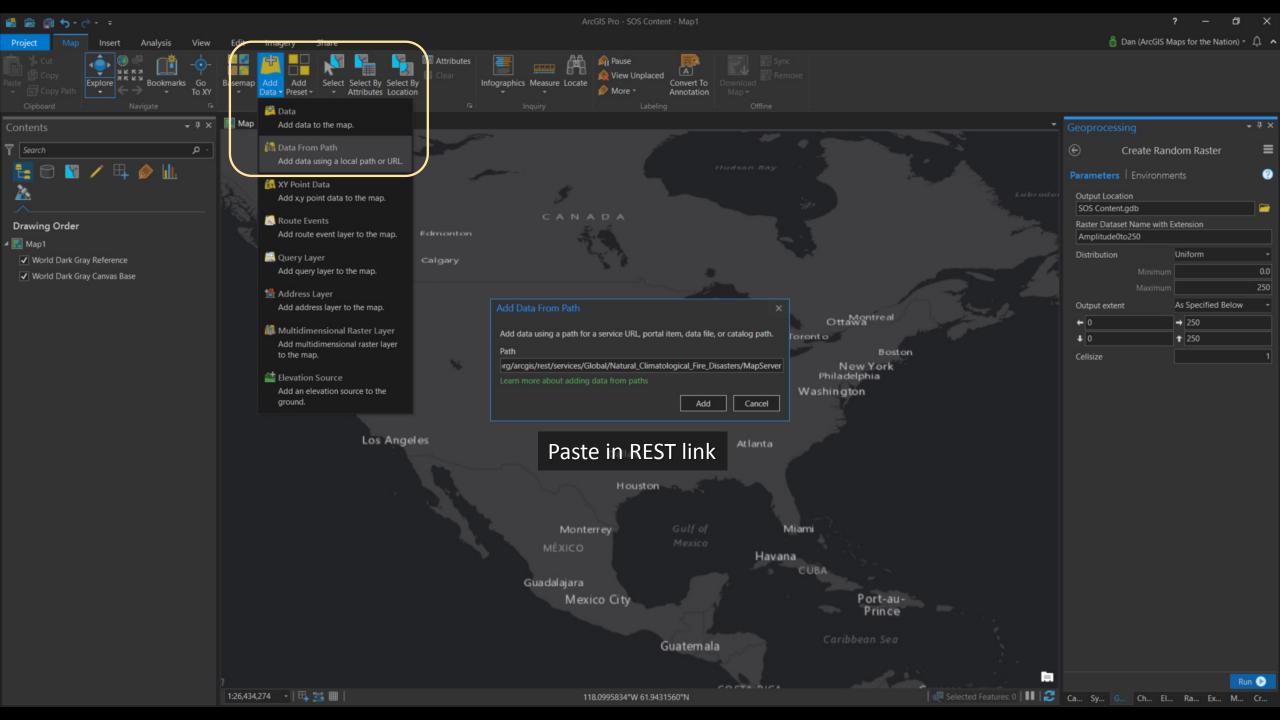
#### Living Atlas of the World

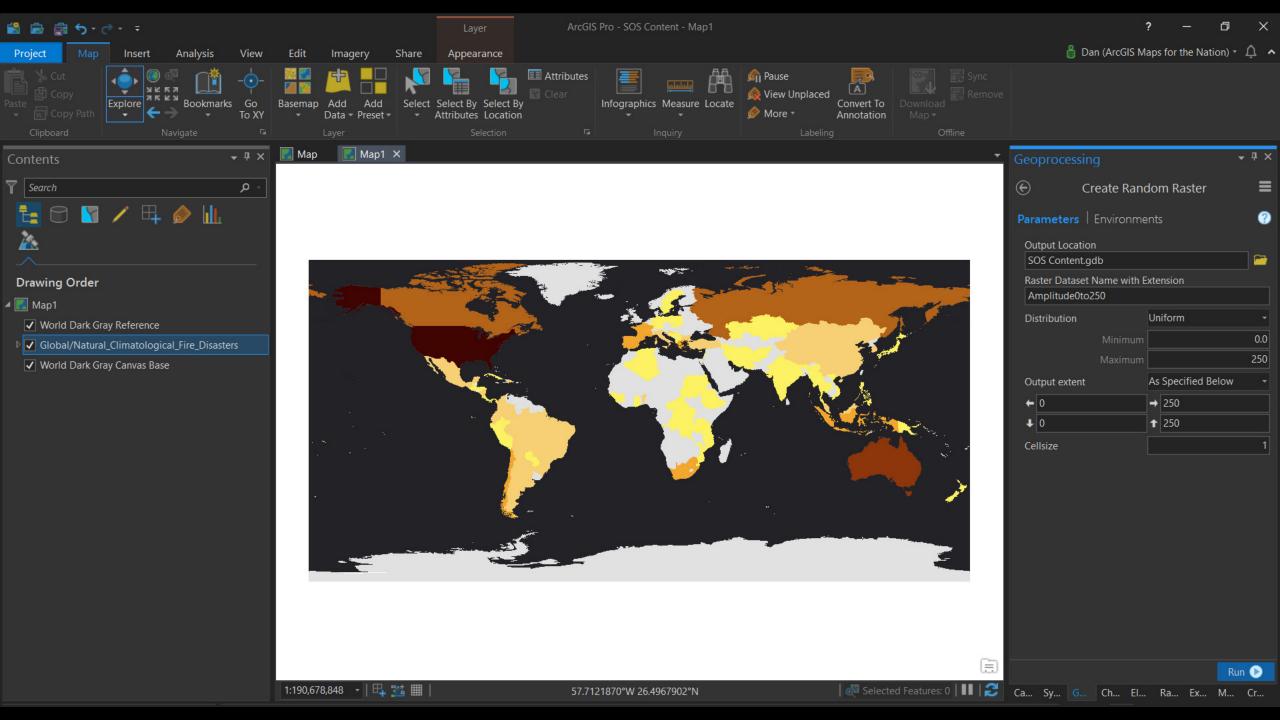
livingatlas.arcgis.com

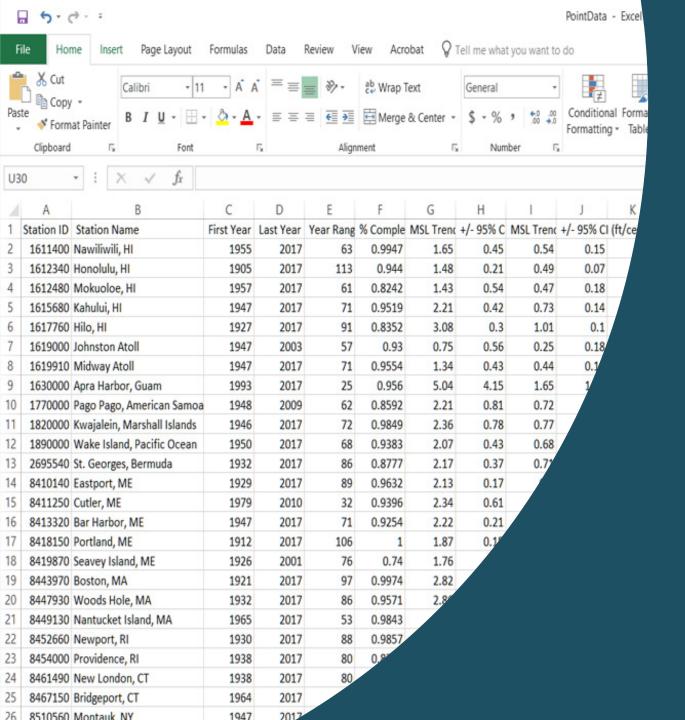
a trusted source of ready-to-use data from all over the world



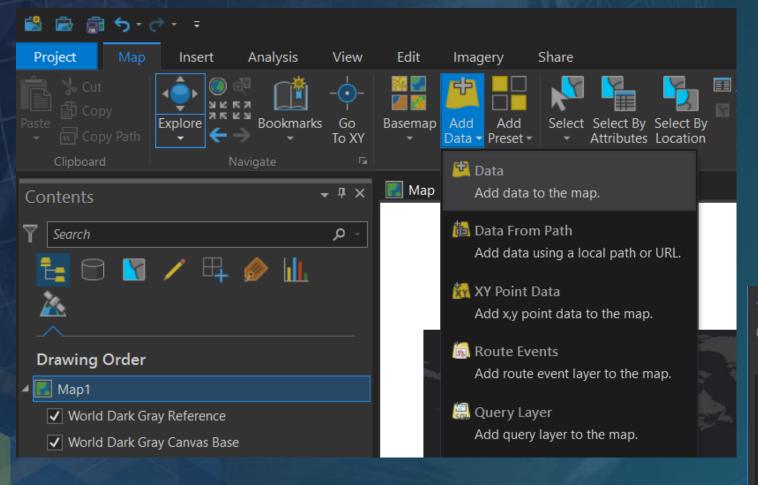
## Use a WMS or REST URL to load data to the map



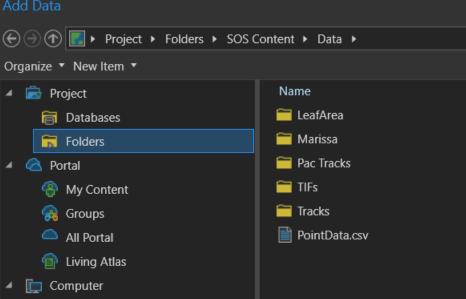




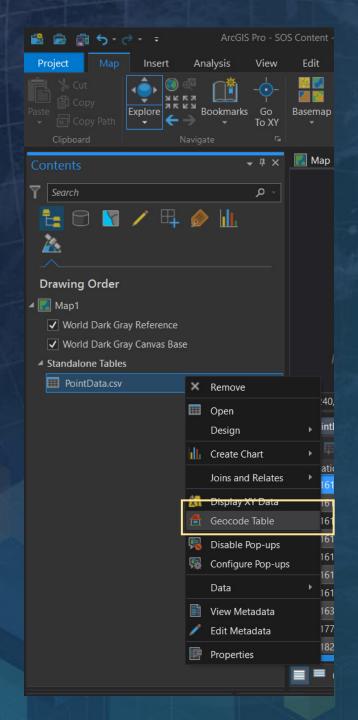
# Use a CSV file of locations and values to create a dot map



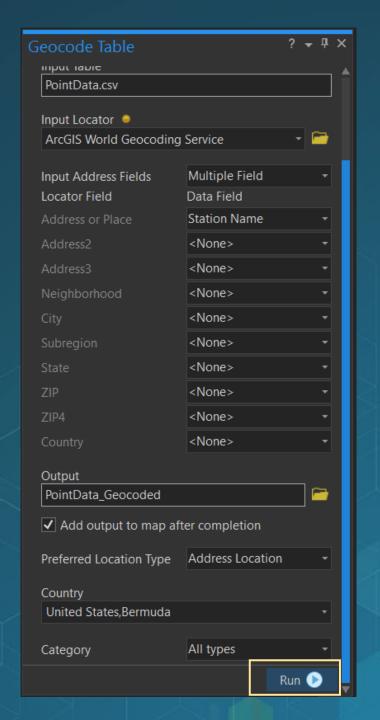
Use the Add Data tab to load your CSV file into the map

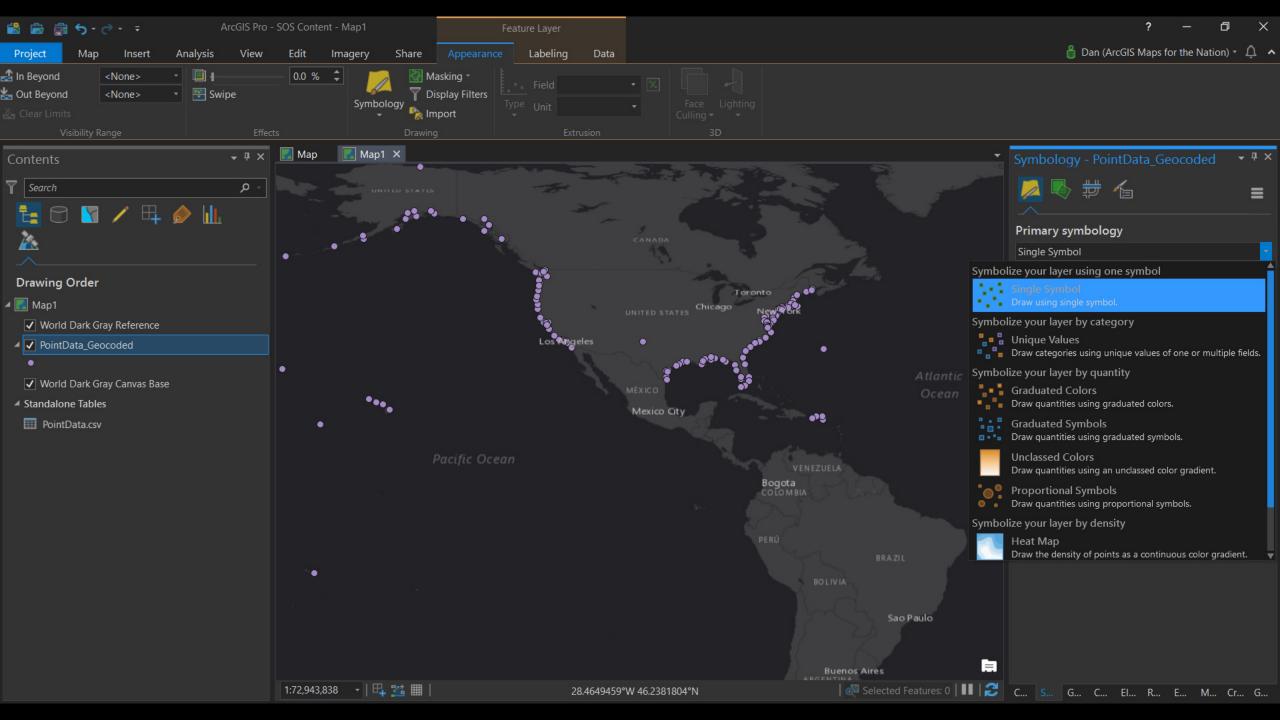






Next we'll geocode the addresses so they have a lat/lon field in the attribute table.

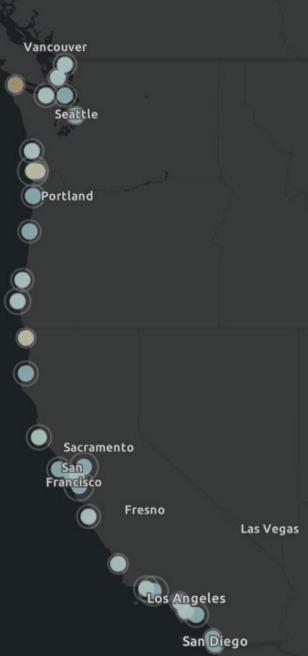




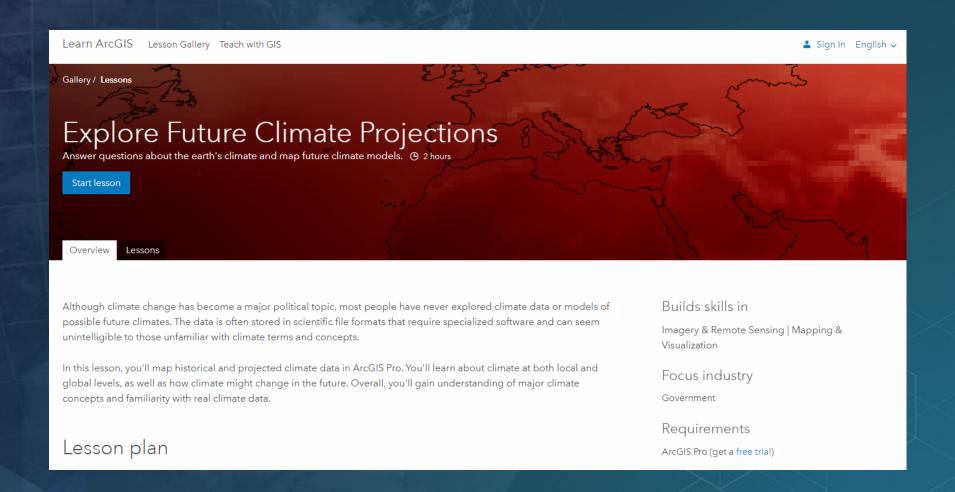
Symbols are colored based on expected Mean Sea Level Trend

Layer is duplicated and symbolized with Confidence Interval with no fill and a stroke of increasing diameter

Symbols are semi-transparent so overlaps can be seen

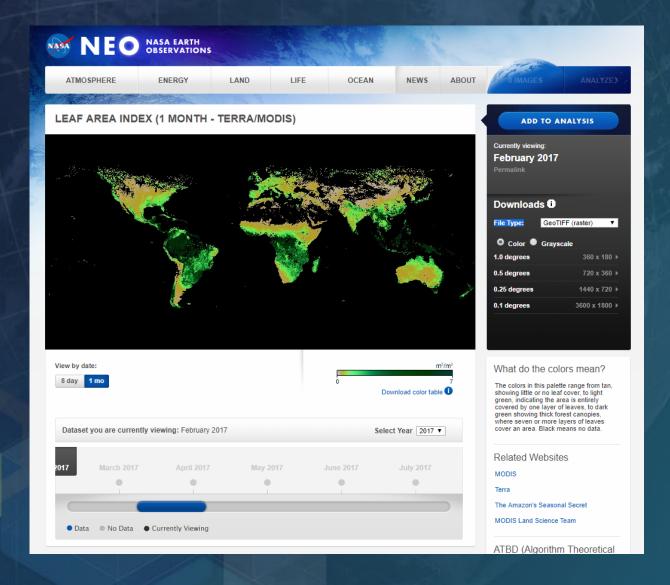






Learn to use raster data (GeoTIFF and NetCDF) in the analysis of climate change scenarios

https://learn.arcgis.com/en/projects/explore-future-climate-projections/

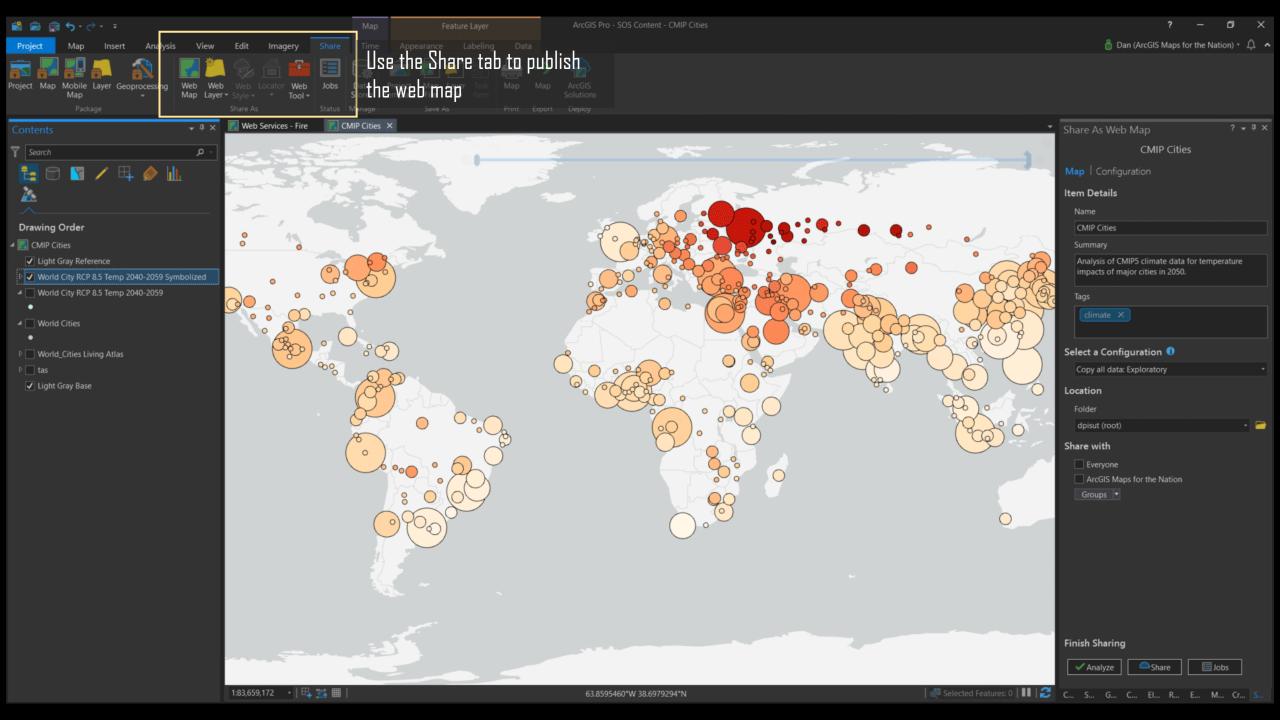


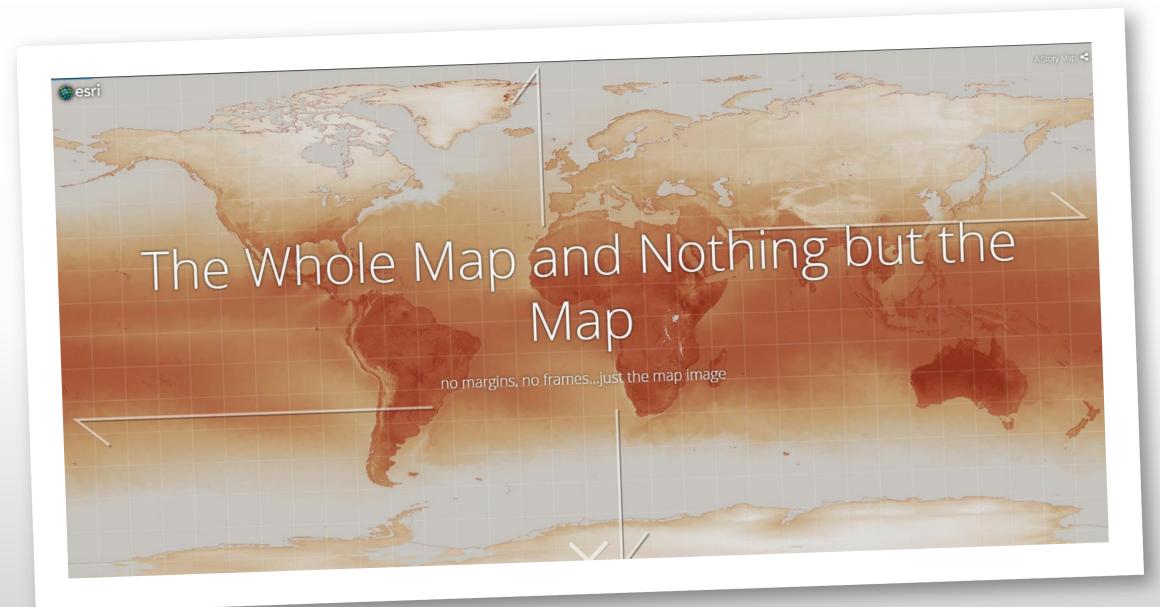
#### Provides GeoTIFFs in two flavors:

- 0-255 RGB value "Rasters"
- "Floating point" actual data values

Analyze the GeoTIFF (mean, difference, etc) in ArcGIS Pro







Learn to output your map for the Science On a Sphere Esri Story Map