

SOC 4650/5650: Lecture 10 ArcMap Processes

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Checking the Current Projection

Right click on the data frame and select Properties... > Coordinate System

Changing the Projection of the Data Frame

Right click on the data frame and select Properties... > Coordinate System. Search for the projection system you need. Some common choices are:

- NAD 1983
- NAD 1983 UTM Zone 15N
- NAD 1983 StatePlane Missouri East FIPS 2401 (US Feet)
- Albers Projected Coordinate Systems:
 - Alaska Albers Equal Area Conic
 - Hawaii Albers Equal Area Conic
 - North America Albers Equal Area Conic
 - USA Contiguous Albers Equal Area Conic
 - Specialized Albers state systems for Alaska, California, Florida, and Texas
- Lambert Projected Coordinate System:
 - North America Lambert Conformal Conic
 - USA Contiguous Lambert Conformal Conic
 - Specialized Lambert state systems for Georgia, Oregon, Texas, and Virginia

Changing the Projection of a Shapefile or Feature Class

Open the ArcToolbox and then choose Data Management Tools > Projections and Transformations > Project