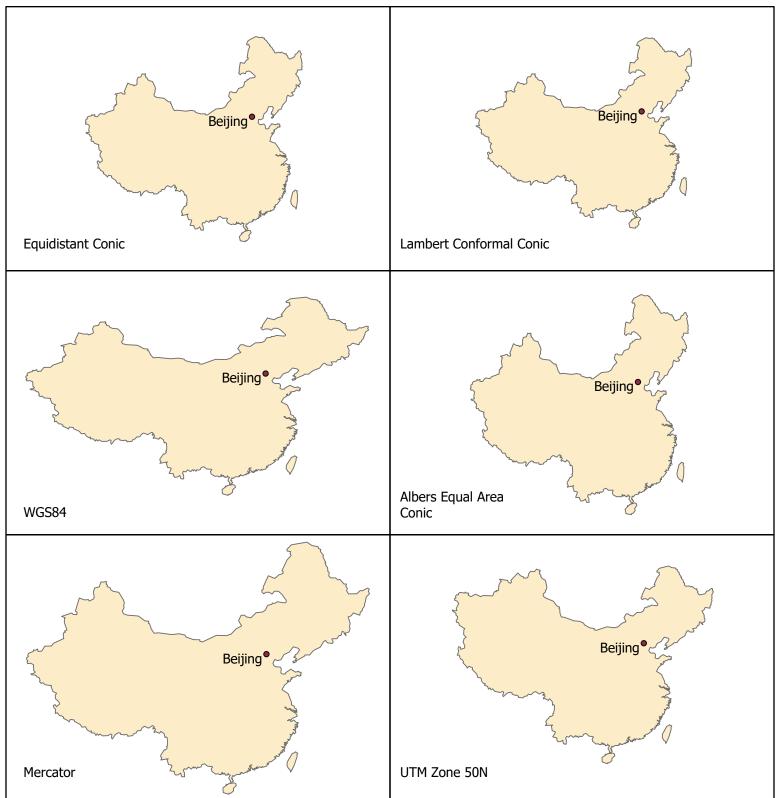
China In Six Coordinate Systems



The Equidistance Conic projection distorts area but represents direction and distance. The Lambert Conformal Conic projects shape more accurately but distorts further south. The WGS84 projection begins to distort away from the meridian. In the Albers Equal Area projection, area and direction are true but shape and distance are distorted. The Mercator projection begins to distort away from the meridian but is used for navigational purposes given the equal spaced latitude and longitude lines. The UTM Zone 50N is an ellipsoid projection with distortions in scale.