

China In Six Coordinate Systems



Equidistant Conic



Lambert Conformal Conic



WGS84



Albers Equal Area
Conic



Mercator



UTM Zone 50N

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.

Juan Guerrero

9/16/219

This data was acquired from ESRI