

PROJECTED COORDINATE SYSTEMS

- ▶ Properties of the Earth or “features”
- ▶ **Direction, shape, area, distance**
- ▶ Projected coordinate systems distort some or all of these properties
 - ▶ Necessary because of the nature of moving from a 3D system to a 2D system
 - ▶ Remember, projections are mathematical transformations from angular coordinates
 - ▶ No perfect transformation
 - ▶

EXAMPLES OF DIFFERENT PROJECTIONS

Mercator Projection

