

Day 05 - Activities: Map Projections and Coordinate Systems

Lecture (in class):

- Lecture 5: [Map Projections and Coordinate Systems](#) (PDF)
- Demonstration:
 - Story Map: [Map Projections](#)
 - Story Map: [Why Do Many Airplanes Fly Over the Polar Circle](#)
 - Demo: [Projections and Distances](#)

Lab (in class):

- ArcGIS Pro Tutorials
 - Tutorial 5a: [Make a Layout](#)
 - Tutorial 5b: Hurricane Firefly Map
 - Story Map: [How-To Hurricane Map](#)

Reading:

- ArcGIS Pro Documentation:
 - [Coordinate systems, projections, and transformations](#)
 - [Specify a coordinate system](#)
 - [Geographic datum transformations](#)
- GIS - An Introduction (McHaffie and Hwang, 2019)
 - [Chapter 2: Georeferencing](#) (pp 23-37)
- Story Map: [ArcGIS Map Projections](#)
- Maps We Love: [Airflow Pro](#)
- Article: [5 Ways to Make Your Overview Map Sizzling Hot](#)

ArcGIS Online Assignments:

- [Add Point Data](#)