

## Types and Typologies of Maps

1. Reading Response
2. Reading maps as objective
  - (a) Maps show your plans
  - (b) Mapping is an assertion of control and ownership
3. Reading maps as visualizations
4. GIS lesson two: rasters, vectors, and file formats.
  - (a) Layers
  - (b) Types of GIS Data

**For a more intensive discussion, see <http://giscommons.org/introduction-concepts/>**

    - i. Vector
      - A. Vector formats
        - Point**
        - Line**
        - Polygon**
      - B. Attributes
      - C. Features
      - D. File Formats and maps
        - Shapefiles**
        - Geodatabases**
        - Geojson**
        - For points: CSV/TSV/Spreadsheets**
    - ii. Raster Data: the grid
5. Working With Raster Data
  - (a) Elevation models: exercise working with elevation data
  - (b) Color raster data and georectification.
  - (c) (Time Permitting)