Tutorial 1. Air Photo Interpretation

Due Date: 2/7/2022

Air Photo Interpretation was one of the first modes of data extraction used in remote sensing. While photo reading is a common practice that we all take part in, whether through the use of images in your favorite transportation mapping tool or in the images we are exposed to through the media and marketing, photos are ubiquitous.

The goal for this first tutorial is for you to practice the systematic reading of aerial photographs using the Air Photo Interpretation Elements - tone/color, size, shape, texture, pattern, height, shadow, site and association. For this first exercise you should accomplish three things.

1. Using The National Map Download Client (link) , obtain a NAIP image for a location in the lower 48 states.
2. Select one physical geography feature and one cultural feature to interpret.
3. For each of the image interpretation elements (see the list above if you need help in remembering them all), write one or two sentences about how the element helps, or does not help, you determine what the object is. For example, a shadow could be used to differentiate an electrical pole. Make two lists, one for each of the objects you are interpreting.

Submit your assignment using the form here.