## University of California, San Diego Extension Guangzhou University Summer 2019 GIS Program

# Day 03 - Activities: Querying Attribute Data and Spatial Selection

### Lecture (in class):

- Lecture 3: <u>Attribute Query and Spatial Selection</u> (PDF)
- Demonstration: Construct attribute queries

## Lab (in class):

- Case Study: Are there suitable sites for distribution center?
  - Story Map: Grocery Distribution Center Location Analysis
- Lab 3: Explore your data

### Reading:

- ArcGIS Pro Documentation:
  - Write a query in the query builder
  - Select features using attributes
  - Select features by location
- Info-Sheet:
  - o Field Data Types
- GIS An Introduction (McHaffie and Hwang, 2019)
  - o Chapter 6: Data Models (pp 144-160)

#### Research:

- Story map: How to smart map
- Blog article: How to color your map by attribute

#### **ArcGIS Online Lesson (optional):**

 Case Study: <u>Are there suitable sites for distribution center?</u> (same as above, but in ArcGIS Online)