

**Week 1: Geography in the 21st Century:
Spatial Data in Research, Planning and Design****Outline**

1. Paul's introduction. [Resume](#), [Current Work](#)
2. Introduce Sam Jones: Assistant Instructor.
3. Introductory Slideshow: Practical Geography
 - a) [Understanding GIS Models in Decision-Making Context.](#)
 - b) [Describing Hypothetical \(what-if?\) Decision making Situations](#) suitable representation with data.
4. Discuss Syllabus (Paul) & Office Hours (Sam)
 - a) Check out the data, lab and support services at [the Data Lab at Tisch Library](#)
5. Discuss ArcMap.

Downloading ArcGIS Student Edition – if you want to install the ArcGIS 10.6.1 software on your personal computer (it needs to run Windows OS), please email DataLab-Support@elist.tufts.edu to request a digital download code.

Break

1. Work through first exercise
2. [Sources of Geographic Data](#)
3. [Understanding Geographic Data and Metadata](#)