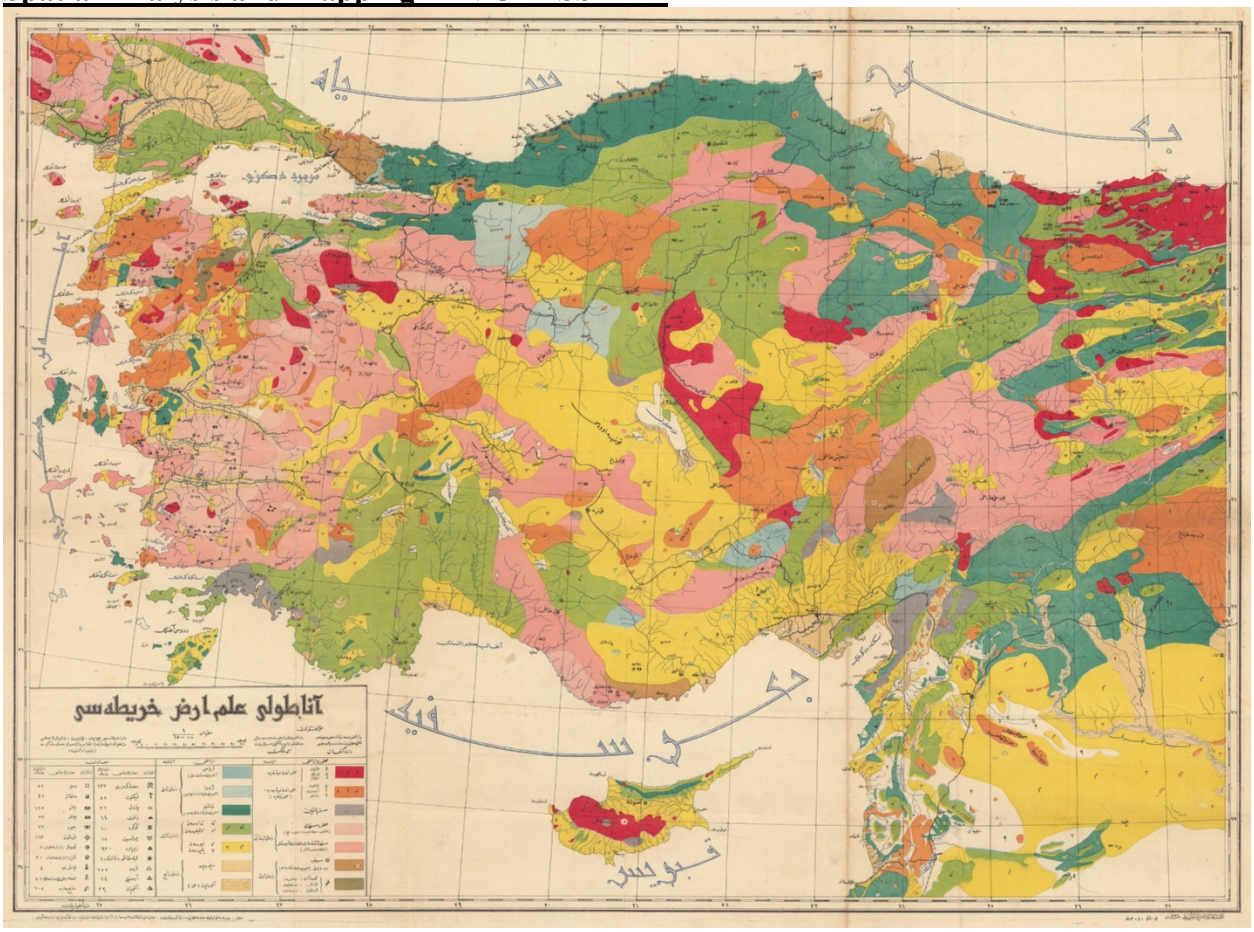
Spatial Analysis and Mapping – IN CLASS LAB



Geological map of Anatolia (1920)

I. ORBIS: The Stanford Geospatial Network Model of the Roman World

http://orbis.stanford.edu/

How long did it take to get from Rome to London? How many routes were there based on your priorities (cost, time of year, method of travel.)

How long did it take to get from Rome to Constantinople?

Who is ORBIS for? Is it a research tool?

II. Spatial History Workshop at Stanford
Investigate the active collaborations and projects at the Spatial History Workshop at Stanford. Select one project to analyze in depth.

https://web.stanford.edu/group/spatialhistory/cgi-bin/site/projects.php

Write down answers to the following questions:

1) Is this a collaborative project? Who worked on it?

2) How was it funded?
3) What kind of digital tools did the author(s) use to create their project?
4) Who is the intended audience for the project?
5) How usable was the website (is the project progressed that far?)
6) What is the argument of the project?
7) How did the author(s) justify the project as a digital project vs. an article, book, etc.?

III. Lincoln Mullen

Take 10-15 Minuets to investigate the maps below. Select two to discuss with the class:

- **American Migrations to 1880**
- **Atlantic Networks Project**
- **Atlas of the Historical Geography of the United States**
- **Counties Blue and Red, Moving Right and Left**
- **Digital Harlem**
- **Digital Harrisburg**
- **Flowing Data: Coffee, Pizza, Burgers**
- **Geography of the Post**
- **Going to the Show**
- **Hestia: Home for Geospatial Analysis of Herodotus's Histories**
- **Hidden Florence**
- **Histories of the National Mall**
- **History Pin**
- **Holocaust Geographies Collective**
- **How Your Hometown Affects Your Chances of Marriage**
- **Hypercities**
- **Locating London's Past**
- **A Map of Baseball Nation, Baseball's Second-Place Favorites: Go, Mets**
- **Mapping the State of the Union**
- **Mapping Texts**
- **Map of Early Modern London**
- **Mapping Gothic France**
- **Mapping the Medieval Townscape**
- **Mapping Poverty in America**
- **Midterm Elections**
- **Murder Map**
- **NYPL Map Warper**
- **PhilaPlace**
- **Pleiades**
- **Stop and Frisk is All But Gone from New York**
- **Railroads and the Making of Modern America**
- **Redlining Richmond**
- **Ben Schmidt, Mapping ship logs**
- **Spread of U.S. Slavery, 1790–1860**
- **Travelers in the Middle East Archive**
- **Visualizing Emancipation**

As you look through these projects, consider the following questions or prompts.

- Create a taxonomy of maps. What categories do these maps fit into?
- Which maps stood out to you? Why? Which maps were typical?
- How do scholarly maps differ from non-scholarly maps?
- What kind of data is amenable to mapping? What kinds of topics

IV. David Rumsey Map Collection, Stanford

Search for maps related to your research topic. Are the maps you select geocoded? Were you able to view it in Georeferencer?

Download them for future use!

https://www.davidrumsey.com/

V. Present Your Selected StoryMaps

For homework, you should have searched the StoryMap Gallery and selected two StoryMaps to discuss in class:

https://storymaps-classic.arcgis.com/en/gallery/#s=0

Discuss at least two StoryMaps and be prepared to discuss why you thought they were particularly successful.

VI. For Homework Next Week

Begin to plan a basic StoryMap for the in-class lab next week.

You will need images and some text to start producing your own StoryMap—we will obtain the maps from Esri. Create a file on your computer with images, short texts and photographs that are easily accessible for the in-class lab. You might plan one small part of your larger project. The idea is to learn how to use the tools in class, so please be sure to be prepared!