Irrigation Topic

There is a line of reasoning that the necessity or use of irrigation had significant effects on the political organization and/or the cultural values of different societies. The sophistication of this reasoning varies, as you’ll see in these readings.

Reading list

For the purposes of the literature review, you should focus on the theories and critiques regarding the effect of irrigation on institutions and culture. As you are thinking about hypotheses that might be testable, pay attention to variation in the type of irrigation done, and the different conditions under which irrigation arises. You should also pay attention to how existing literature measures irrigation or the capability for irrigation.

Reading list:


The literature review assignment requires that you find/add one additional reading to this list.
Data sources

To work on this topic, you’ll have to combine some sort of information about water availability (precipitation, river flows, etc.) with ethnographic and/or cultural surveys. The following are a set of sources you can look at, and which may help you develop a hypothesis.

- U.S. specific datasets
- GRDC world river basins and discharge data
- WHYMAP datasets
- Global precipitation data
- Links to catalog of GIS datasets
- NOAA global datasets, includes paleoclimate