INST 201

Geography Lecture Part II

Components of Geography

Components: Space, Regions, Environment

Spatial patterns, use of space

[](https://www.reddit.com/r/CitiesSkylines/comments/36wqvi/so_i_have_been_experimenting_with_medieval_cities/)

[spatial analysis](https://en.wikipedia.org/wiki/Spatial_analysis)

[urban planning and design](http://urbdp.be.washington.edu/)

[Medieval City Layout](https://www.google.com/search?biw=1152&bih=607&tbm=isch&sa=1&ei=N4NzWq6-DYGsjAO5o6qQCA&q=medieval+city+layout&oq=medieval+city&gs_l=psy-ab.1.2.0j0i67k1l3j0l6.27734.37089.0.39920.44.31.8.3.3.0.120.2064.26j4.31.0....0...1c.1.64.psy-ab..6.37.1698.0..)

Regions –

2 main types: formal and functional

Environment

resources –

how humans interact with their environment

how development, human flourishing, the land’s “carrying capacity” 🡪how much population it can sustain

environmental determinism vs human determinism

\*best to land somewhere in the middle:

Consider the interactions between environmental opportunities and advantages AND human agency, ingenuity, decision-making, innovation, disease, etc.

Jared Diamond

his Wikipedia [entry](https://en.wikipedia.org/wiki/Jared_Diamond)

his [site](http://jareddiamond.org/Jared_Diamond/Welcome.html)

[Guns, Germs and Steel](https://en.wikipedia.org/wiki/Guns,_Germs,_and_Steel)

[Collapse](https://en.wikipedia.org/wiki/Collapse:_How_Societies_Choose_to_Fail_or_Succeed)

Maps

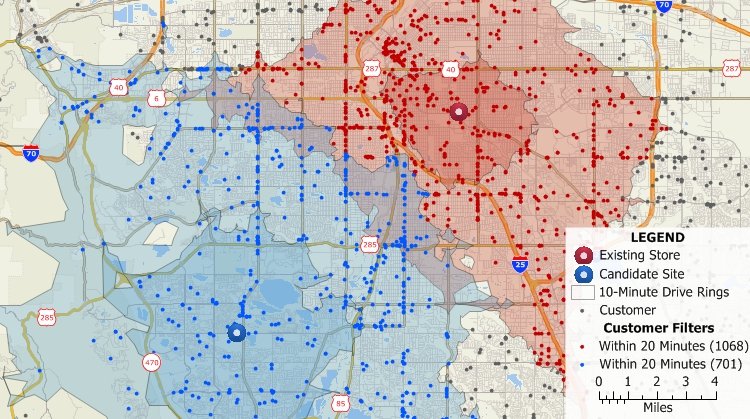
GIS (54)

Wikipedia entry for [GIS](https://en.wikipedia.org/wiki/Geographic_information_system)

Software producers:

[ESRI](http://www.esri.com/what-is-gis)

[Maptitude/Caliper](https://www.caliper.com/maptitude/gis_software/default.htm)

[](https://www.caliper.com/maptitude/gis_software/default.htm)

Careers/jobs that rely on GIS, geography skills, analysis (57)

Business, government, education, NGOs/IGOs

Business: analysis of development patterns, population trends to discover new markets and markets that may be “drying up”

Govt: NASA, State Dept, Intelligence (CIA, FBI) rely on geographic analysis – documenting patterns of activity (human, climate, crime, etc).

[Spokane County GIS](https://www.spokanecounty.org/222/Geographic-Information-Systems)

[Spokane City GIS](https://my.spokanecity.org/opendata/gis/data/)

NGOs/IGOs: UN, World Health Organization (WHO), UN Educational, Scientific, and Cultural Org UNESCO), World Trade Organization (WTO)

Need population projections, analysis of environmental (climate change, natural disasters) and human trends (disease, epidemics, pandemics)

existing and changing patterns of international trade

Lying with maps (56-57) aka Politizing Geography: next time!