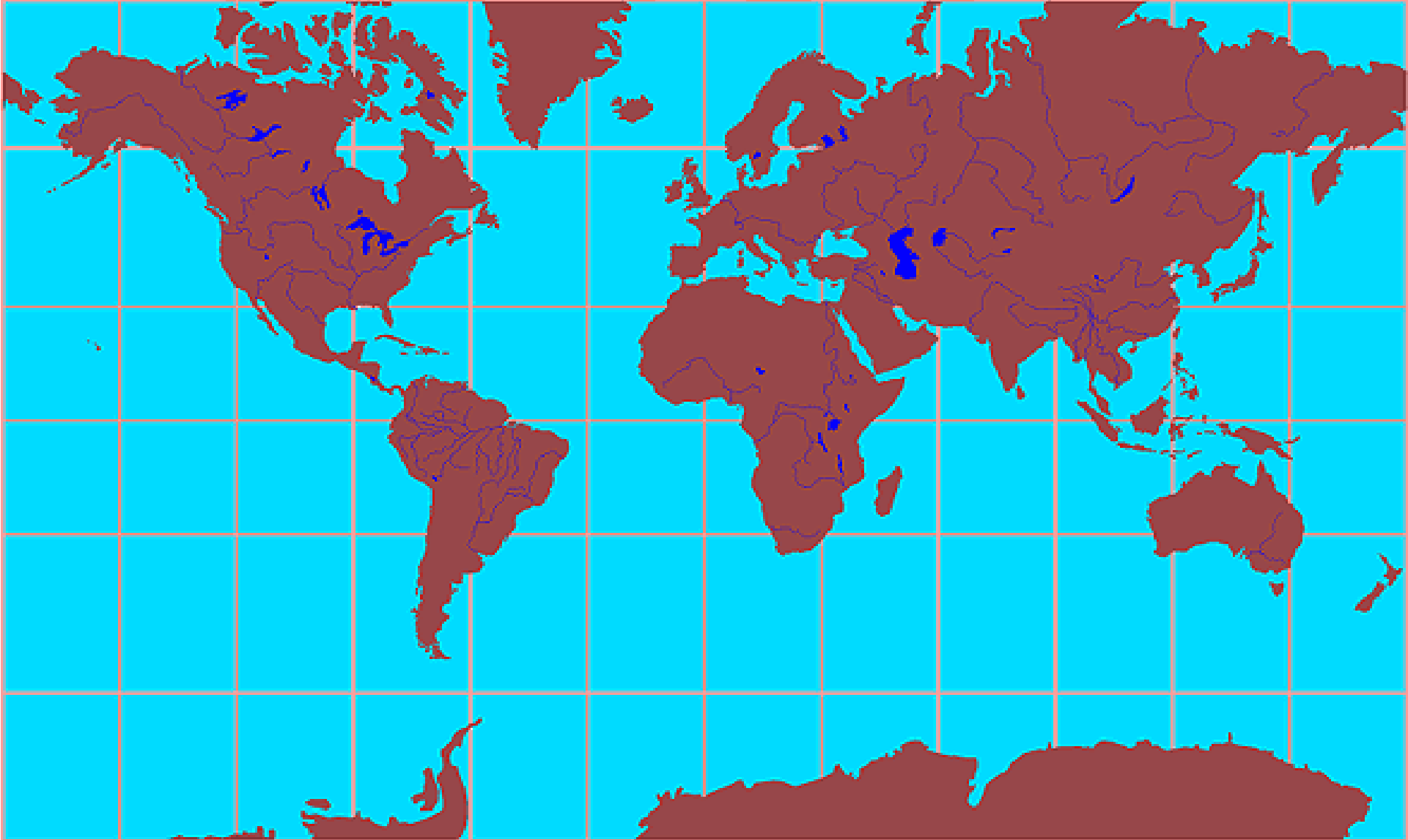


World Geography Honors

Review

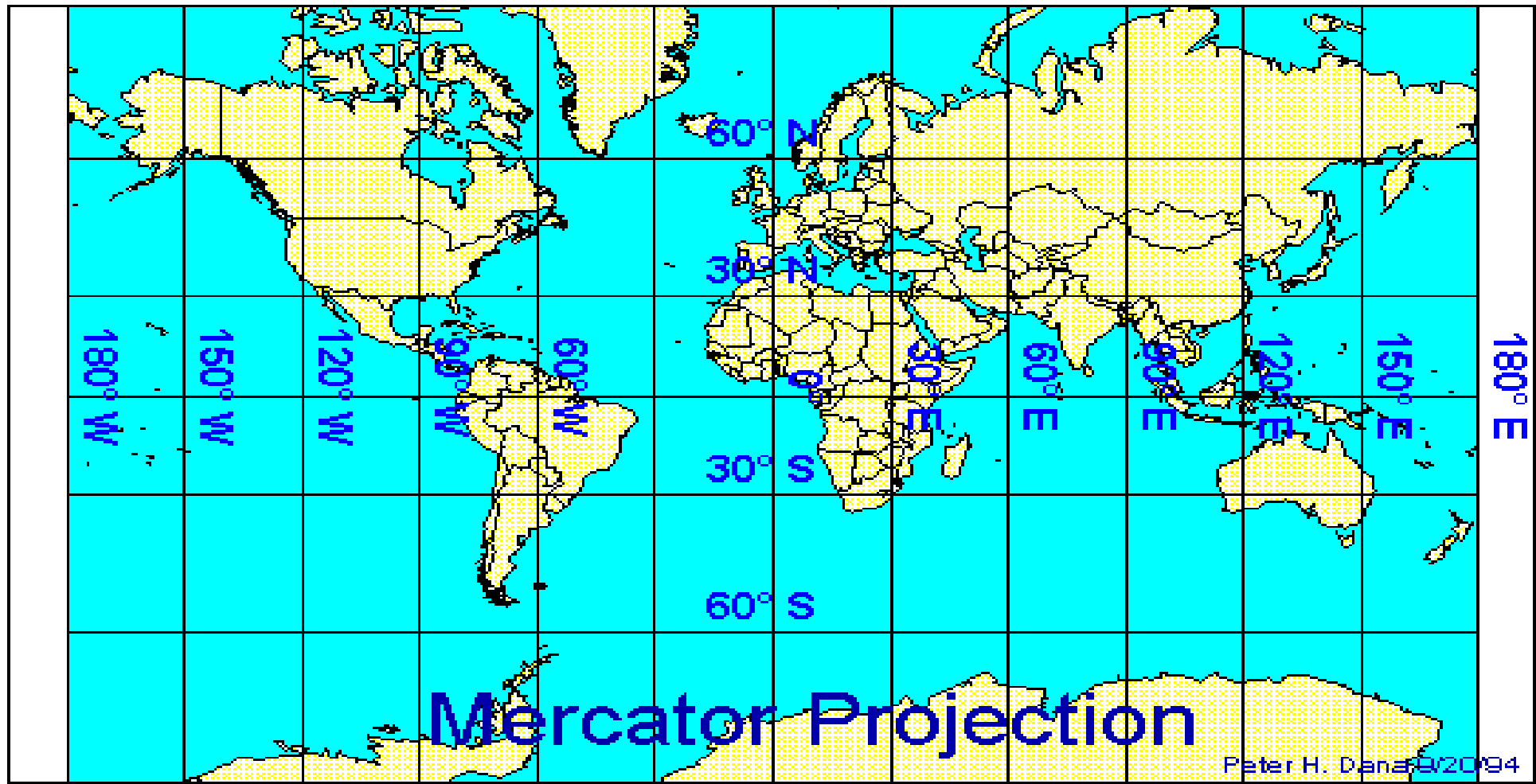
MAPS!

What kind of map is this?

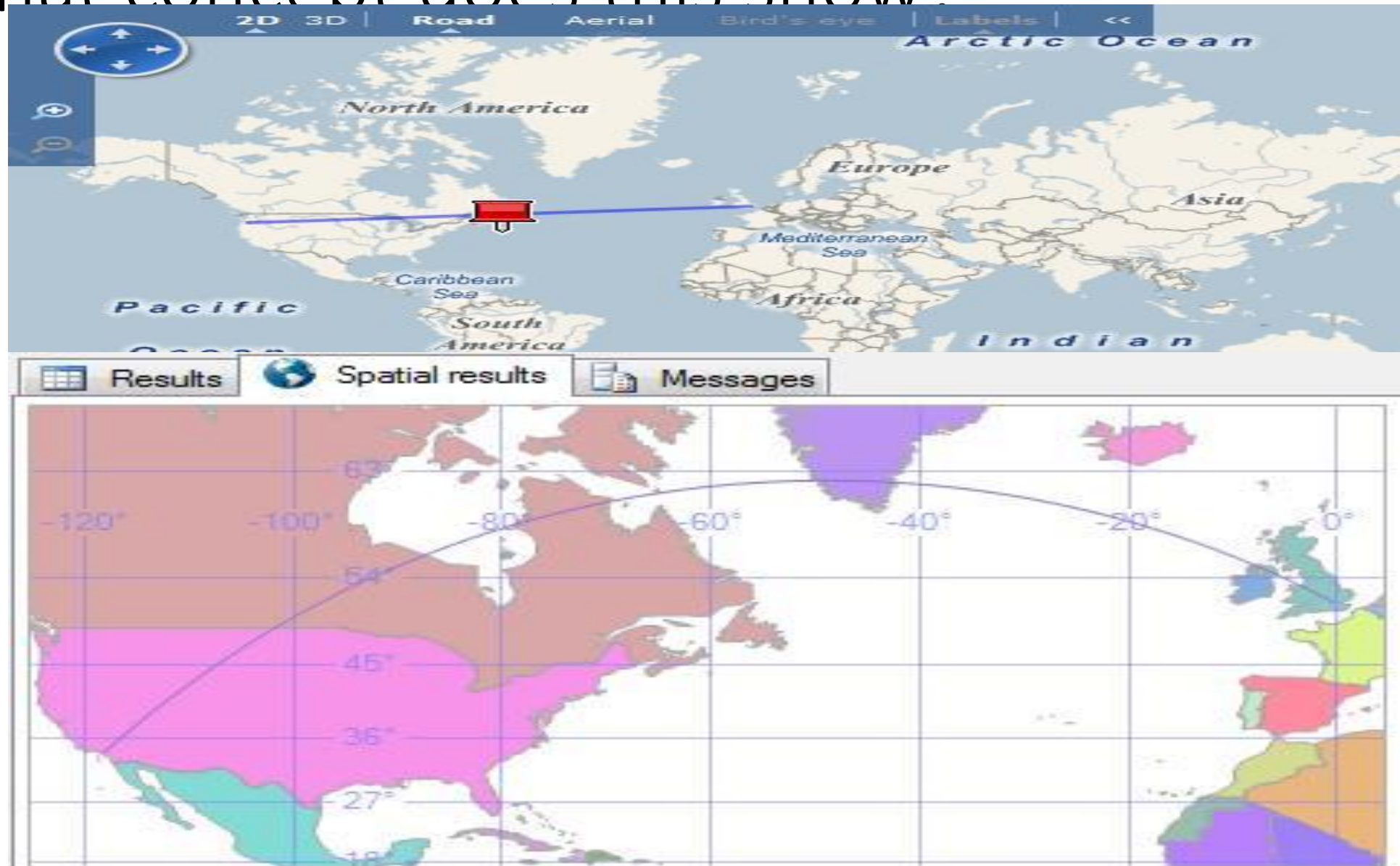


Mercator Projection

- Mercator Projection Map = Distortion as you get farther away from the equator!



What concept does this show?



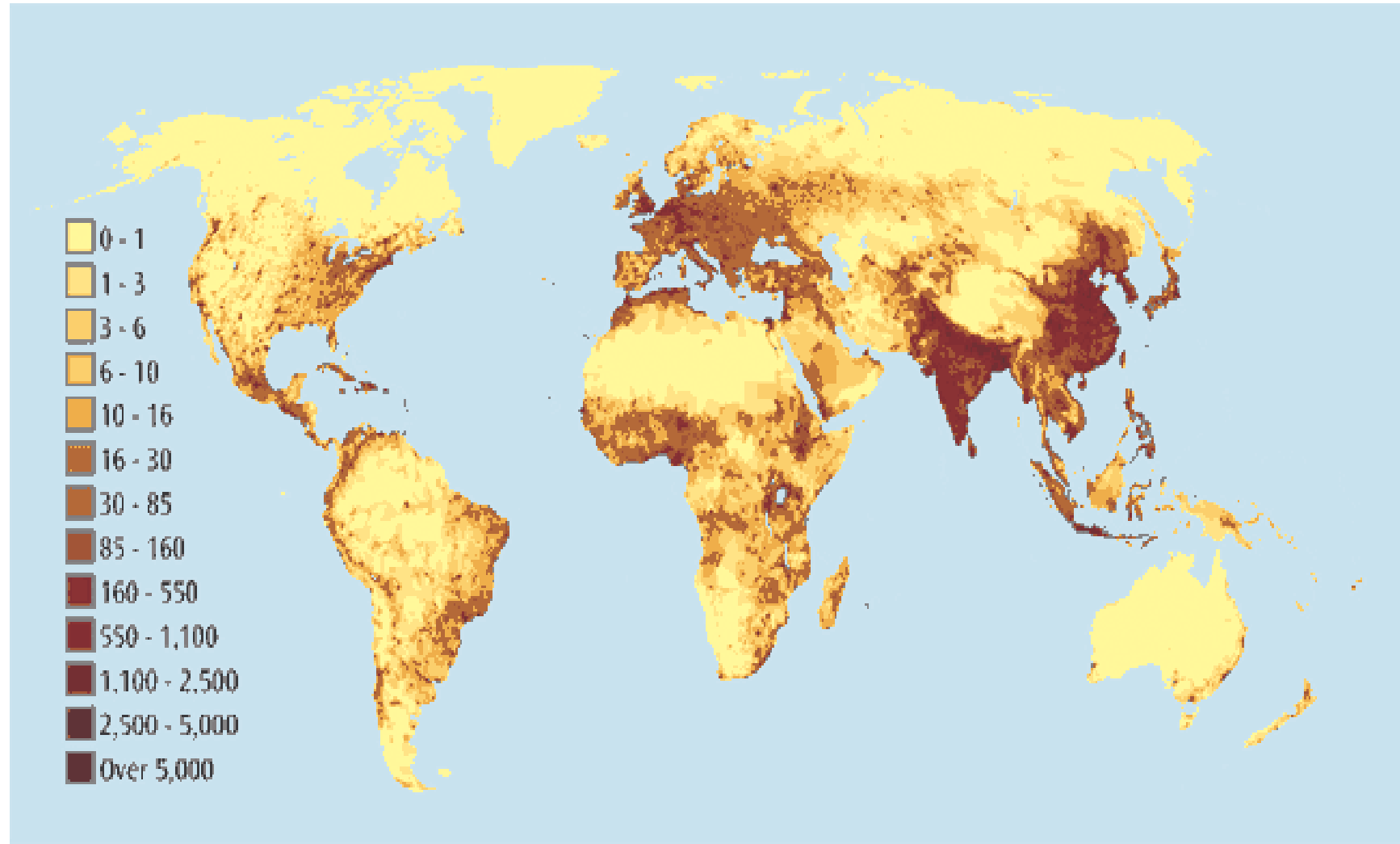
The Great Circle Route!

- Shorter distance for planes to fly
- North!!!
- Curve of the Earth

What kind of map is this?

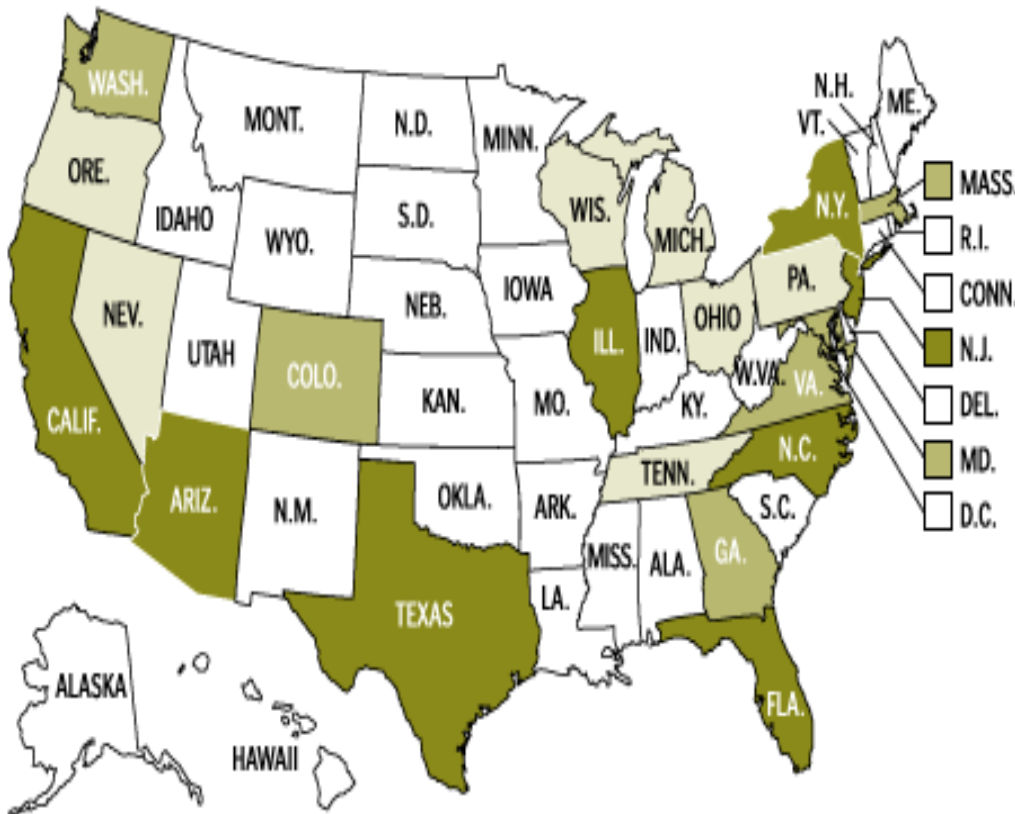
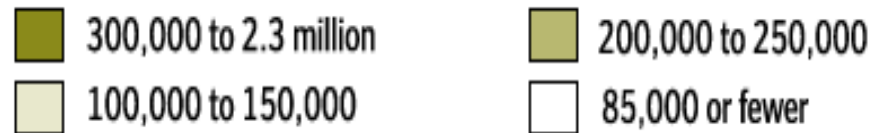
What does the darker color usually refer to...?

Lighter?

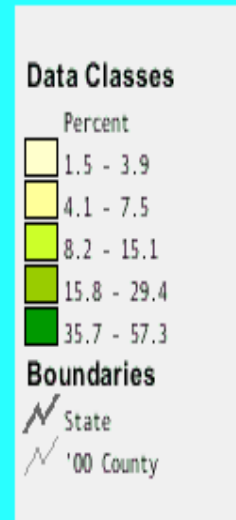


What type of maps are these?

Estimated number of illegal immigrants in each state



Percent of Persons Who Are Hispanic or Latino (of any race), Florida by County
Source: Census 2000

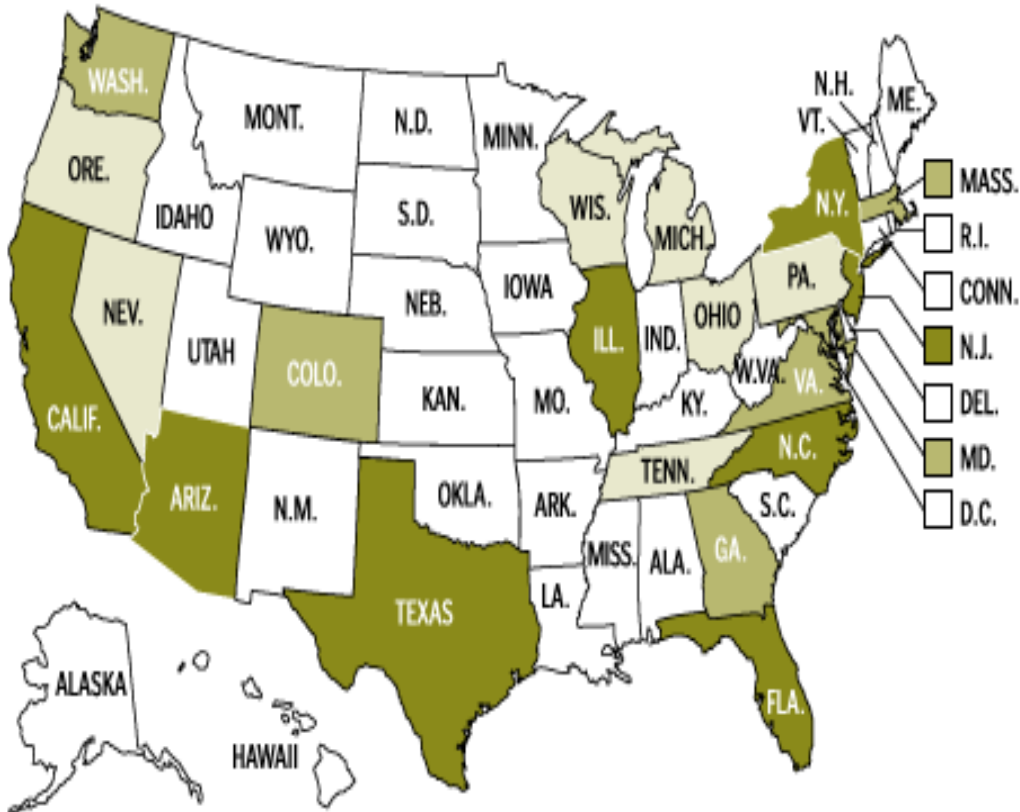
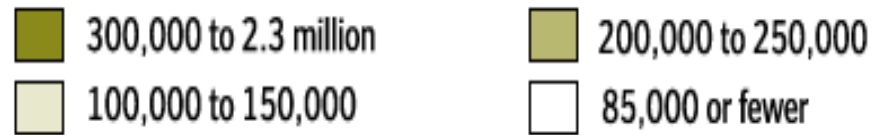


Approx. 485 miles across.
Compared with American FactFinder

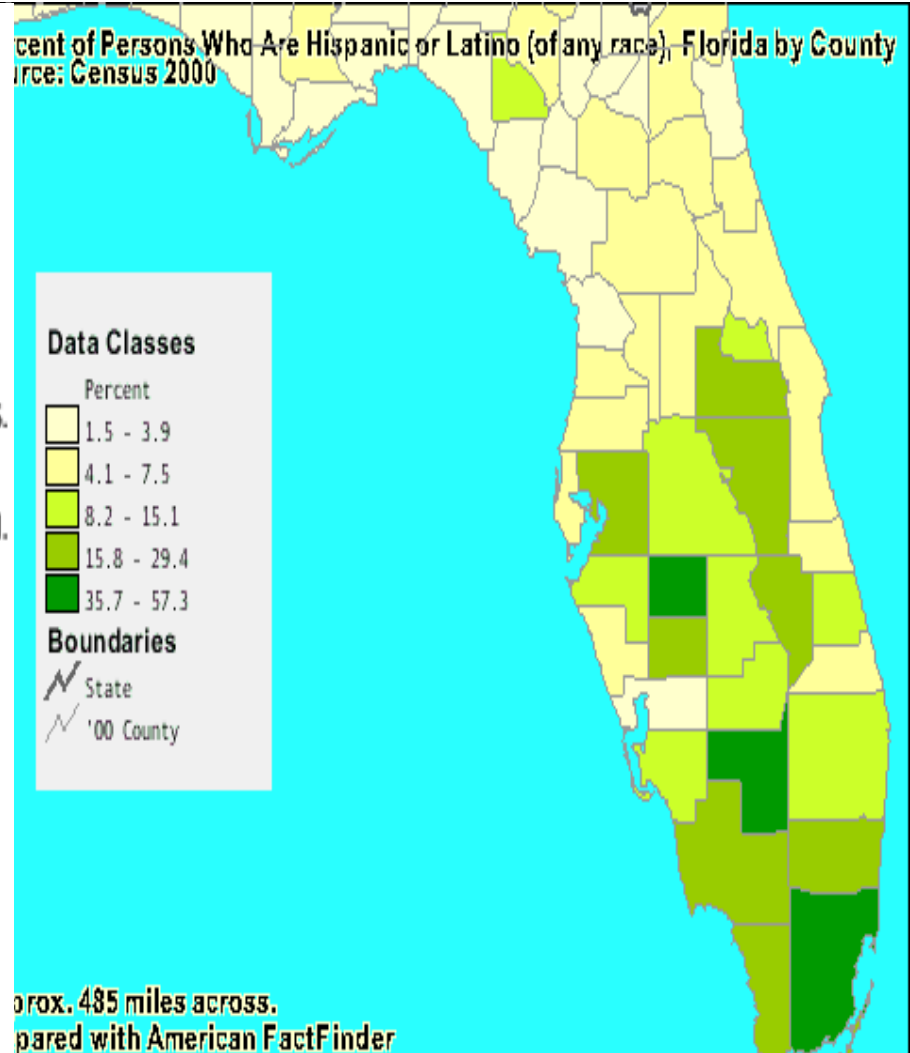
Chloropleth maps!

Usually 4-5 categories

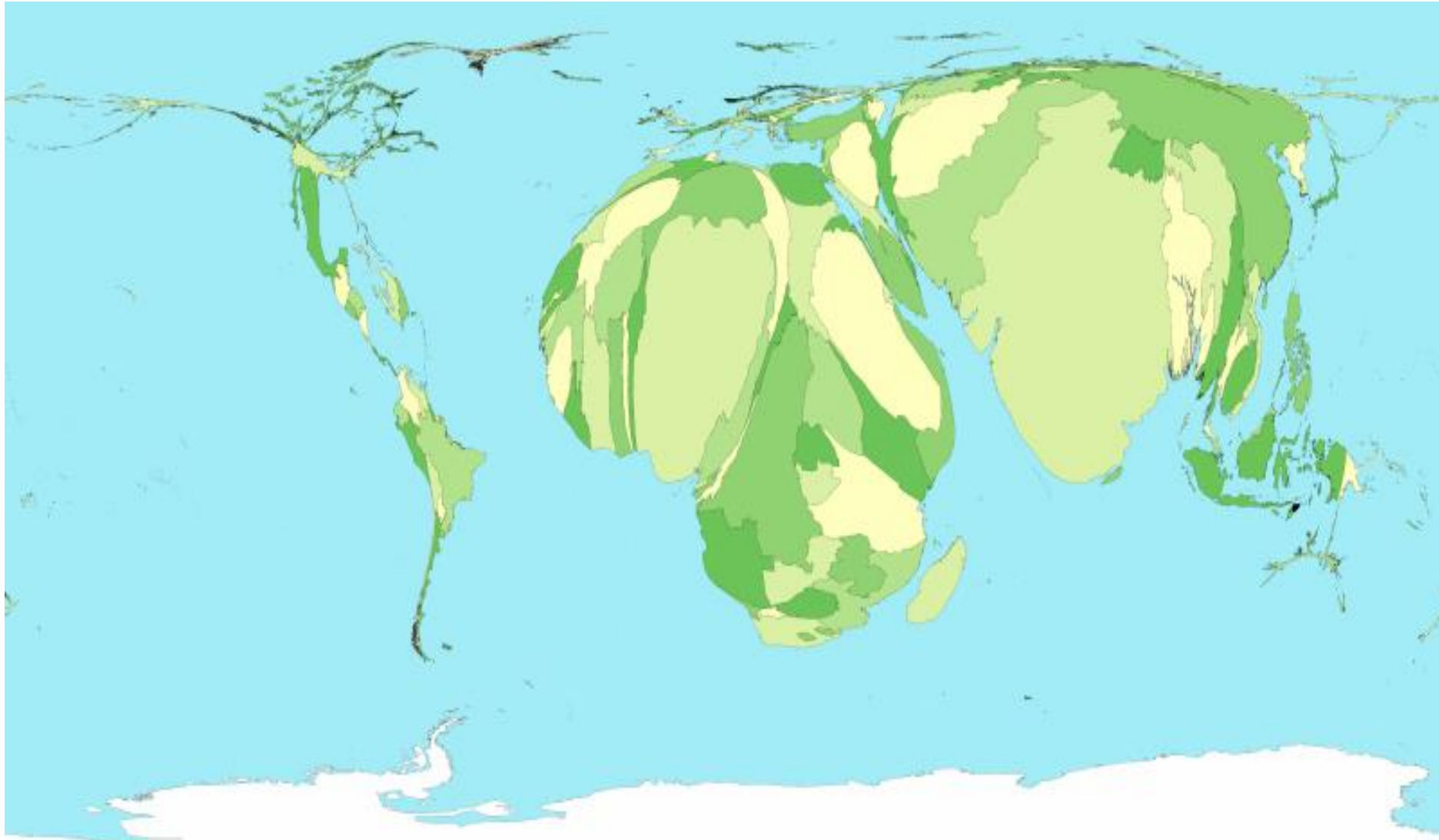
Estimated number of illegal immigrants in each state



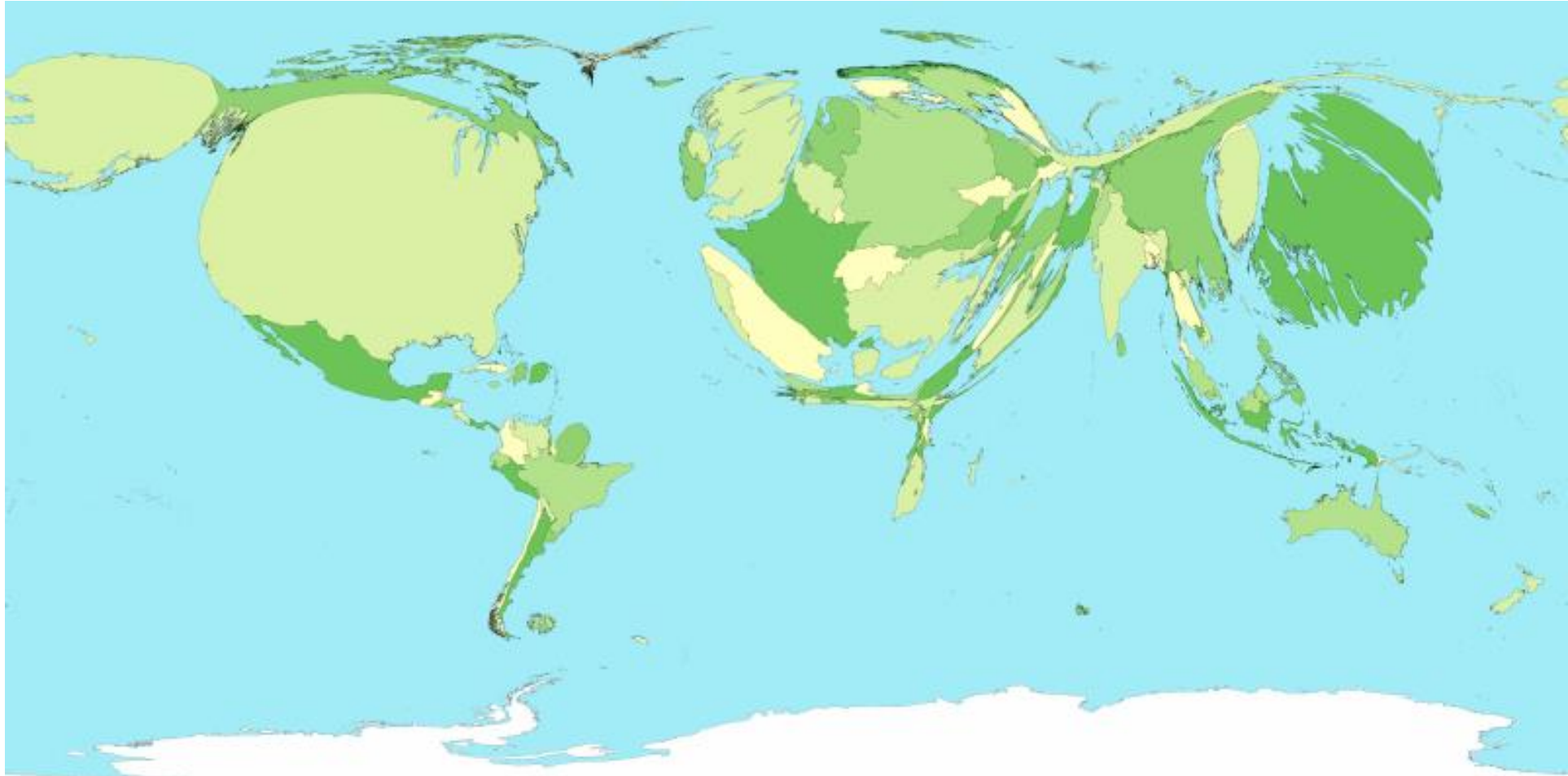
Percent of Persons Who Are Hispanic or Latino (of any race), Florida by County
Source: Census 2000



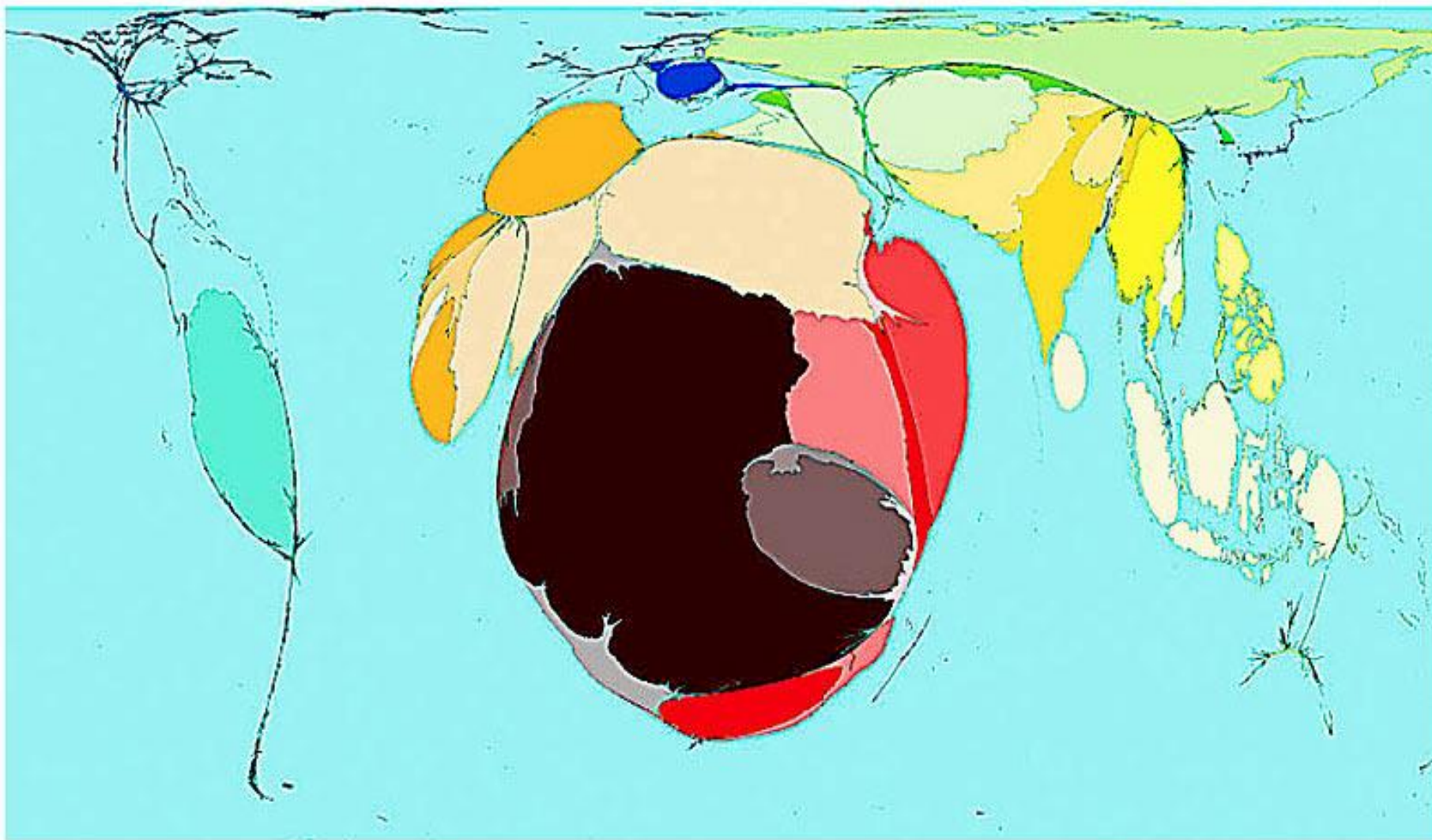
What kind of map is this?



cartograms – chart and assign data by size.
Examples: populations, mortality rates, GDP

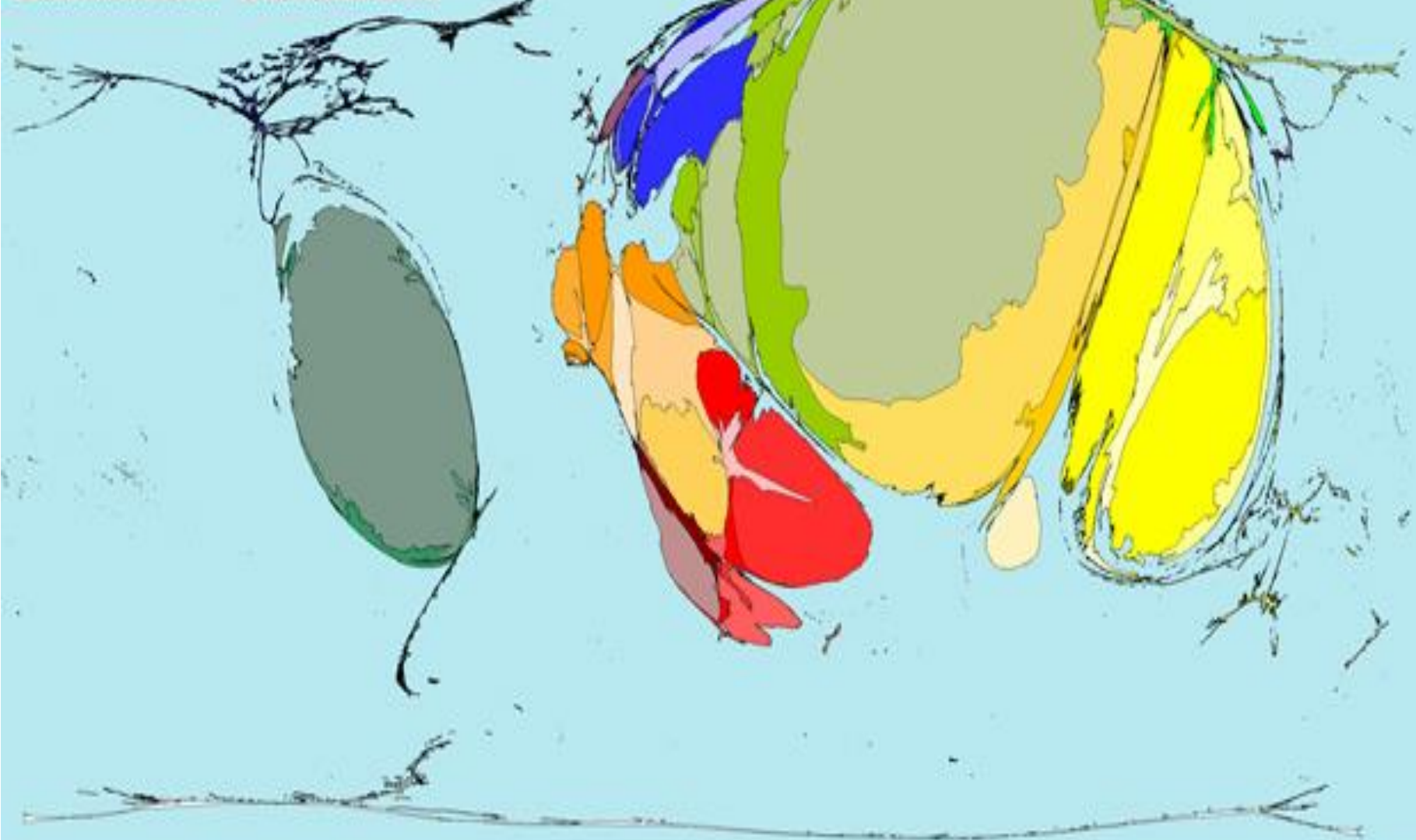


Wars and Death Rates



A deadly inheritance

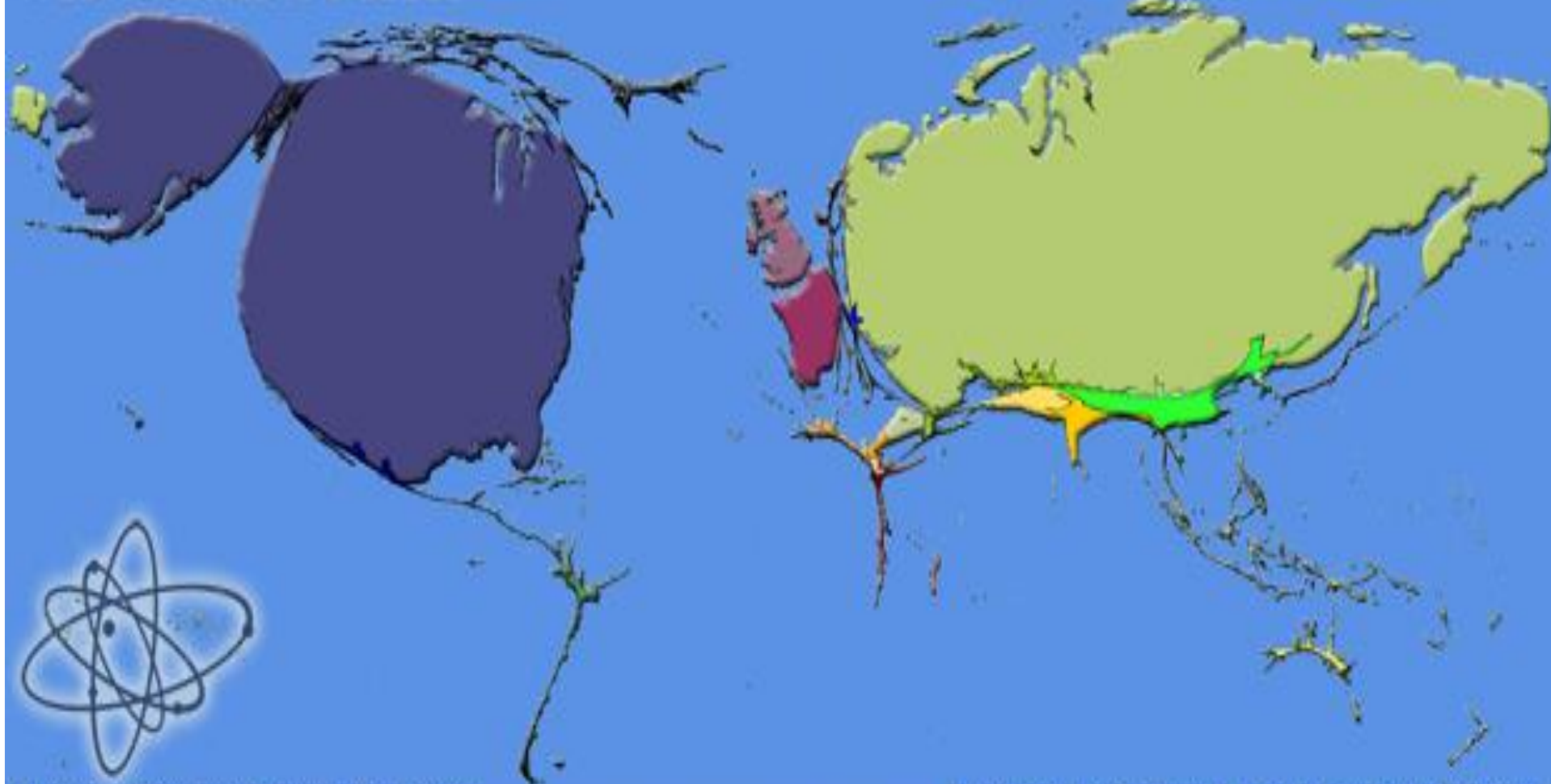
Landmine Casualties



Map showing the countries of the world resized according to
Mine, Explosive Remnants of War (ERW) and Cluster Submunition Casualties in 2010
Data Source: ICBL-CMC 2011

Map created by Benjamin D. Hennig
University of Sheffield
www.viewsoftheworld.net

World Nuclear Forces



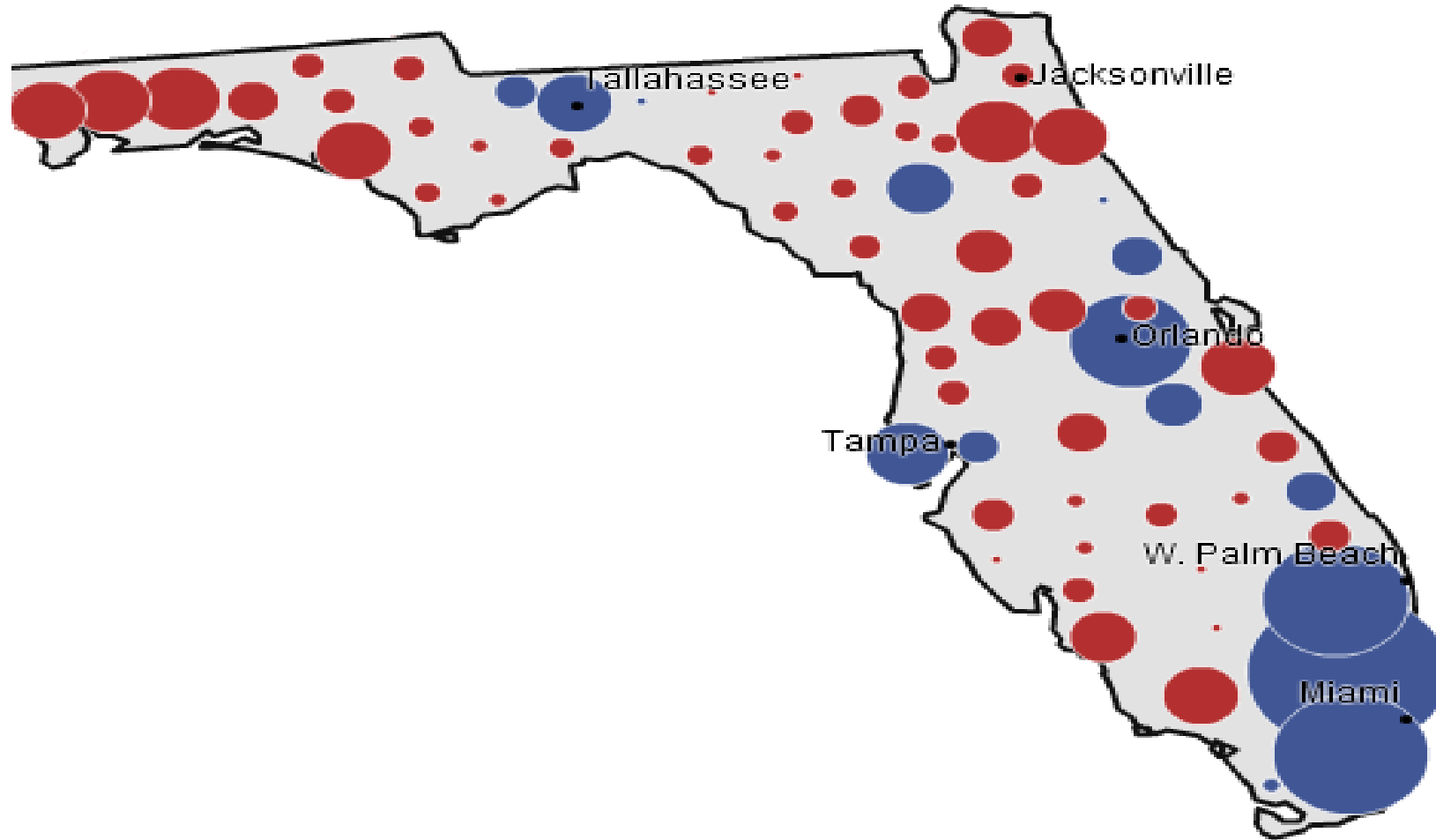
Data Source: Federation of American Scientists 2011

Map resized according to the estimated number of nuclear weapons in possession by a country

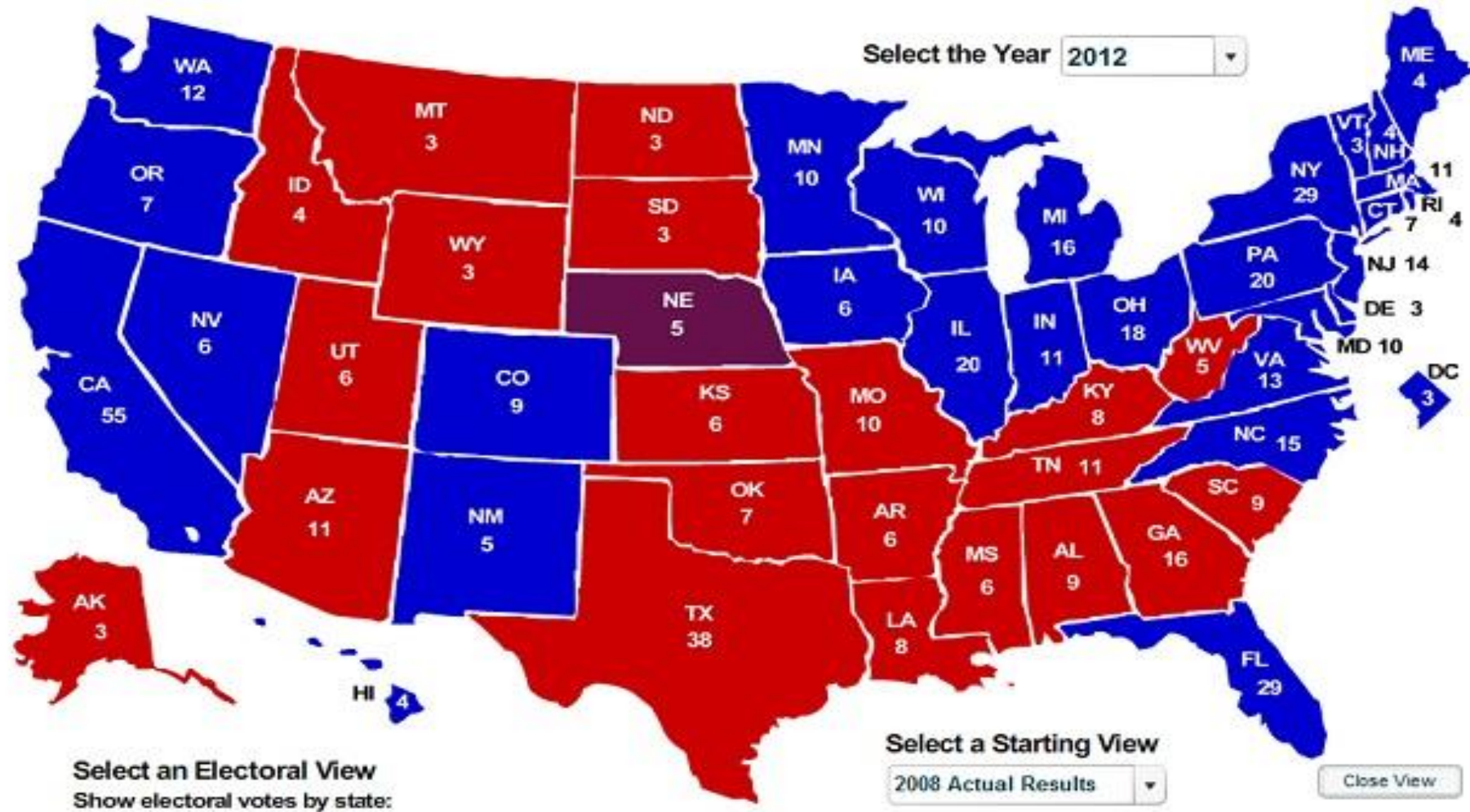
Map created by Benjamin D. Hennig, University of Sheffield

www.viewsoftheworld.net

Proportional Symbol Map

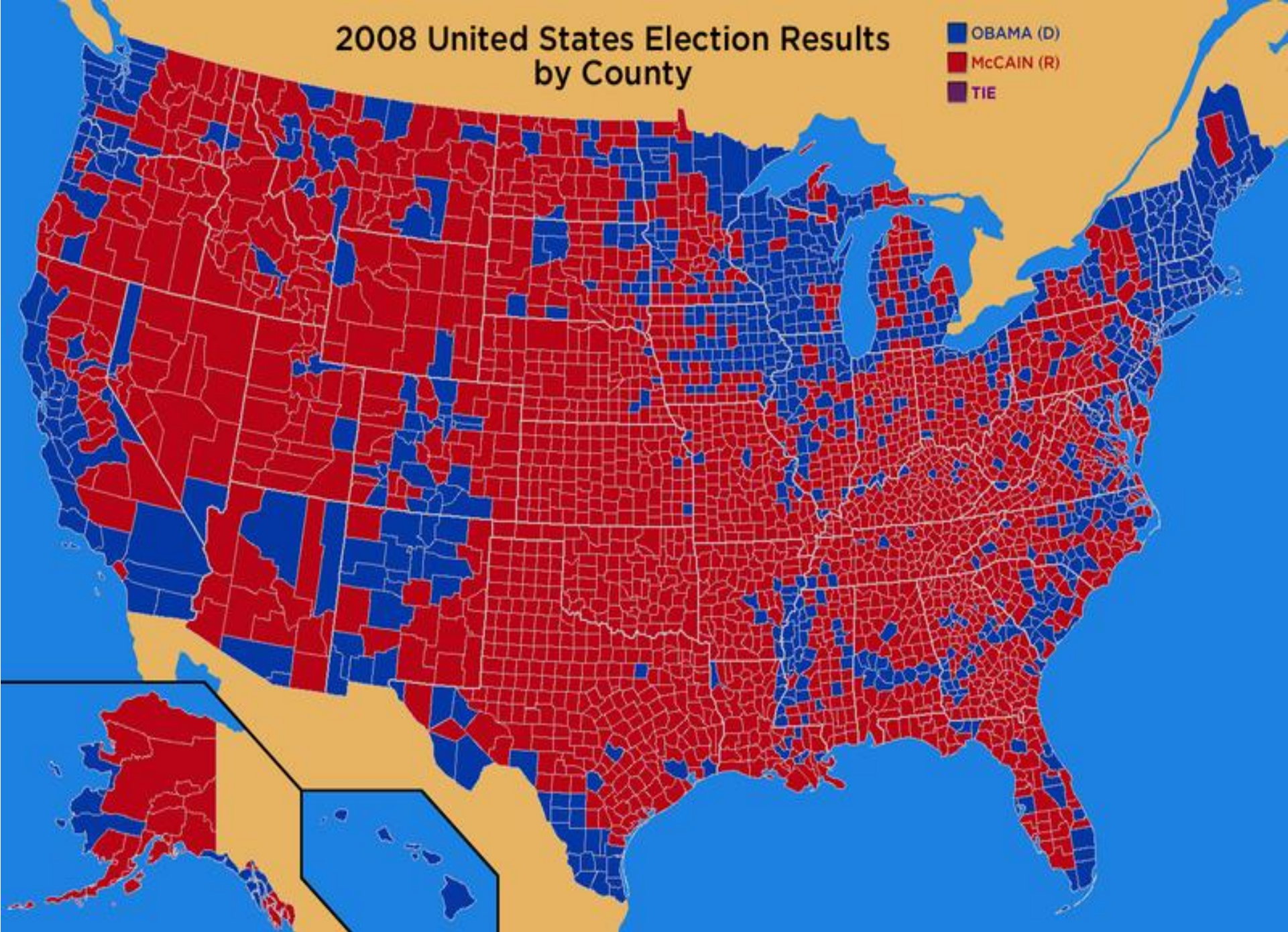


What does this map show?



2008 United States Election Results by County

- OBAMA (D)
- McCAIN (R)
- TIE



Large or Small

Scale?

Large or Small

Scale?



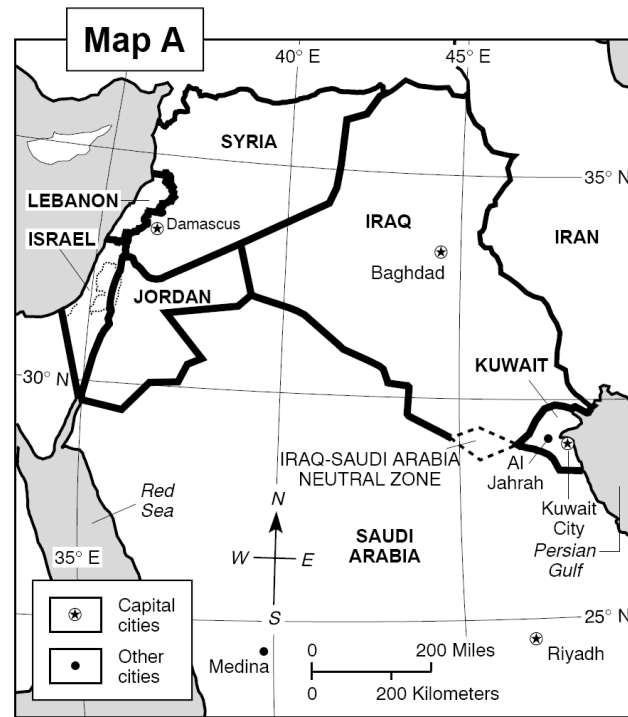


Large-scale

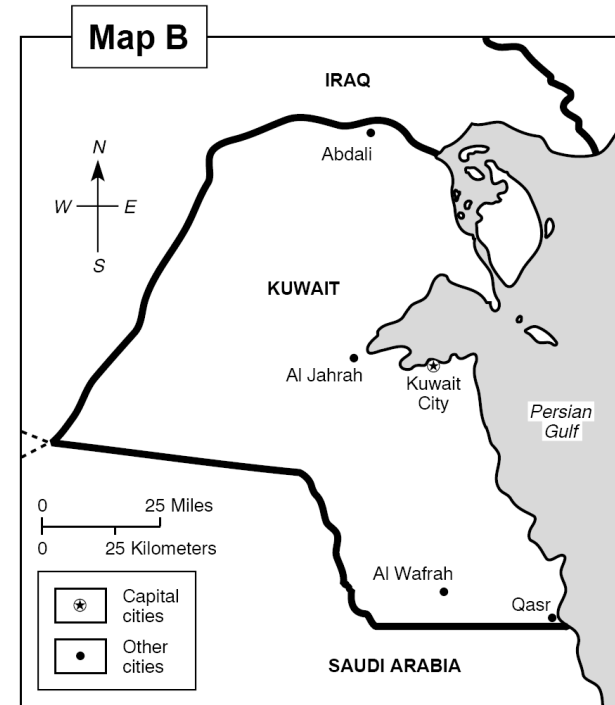


Comparing maps of different scale

Large vs. Small Scale Maps

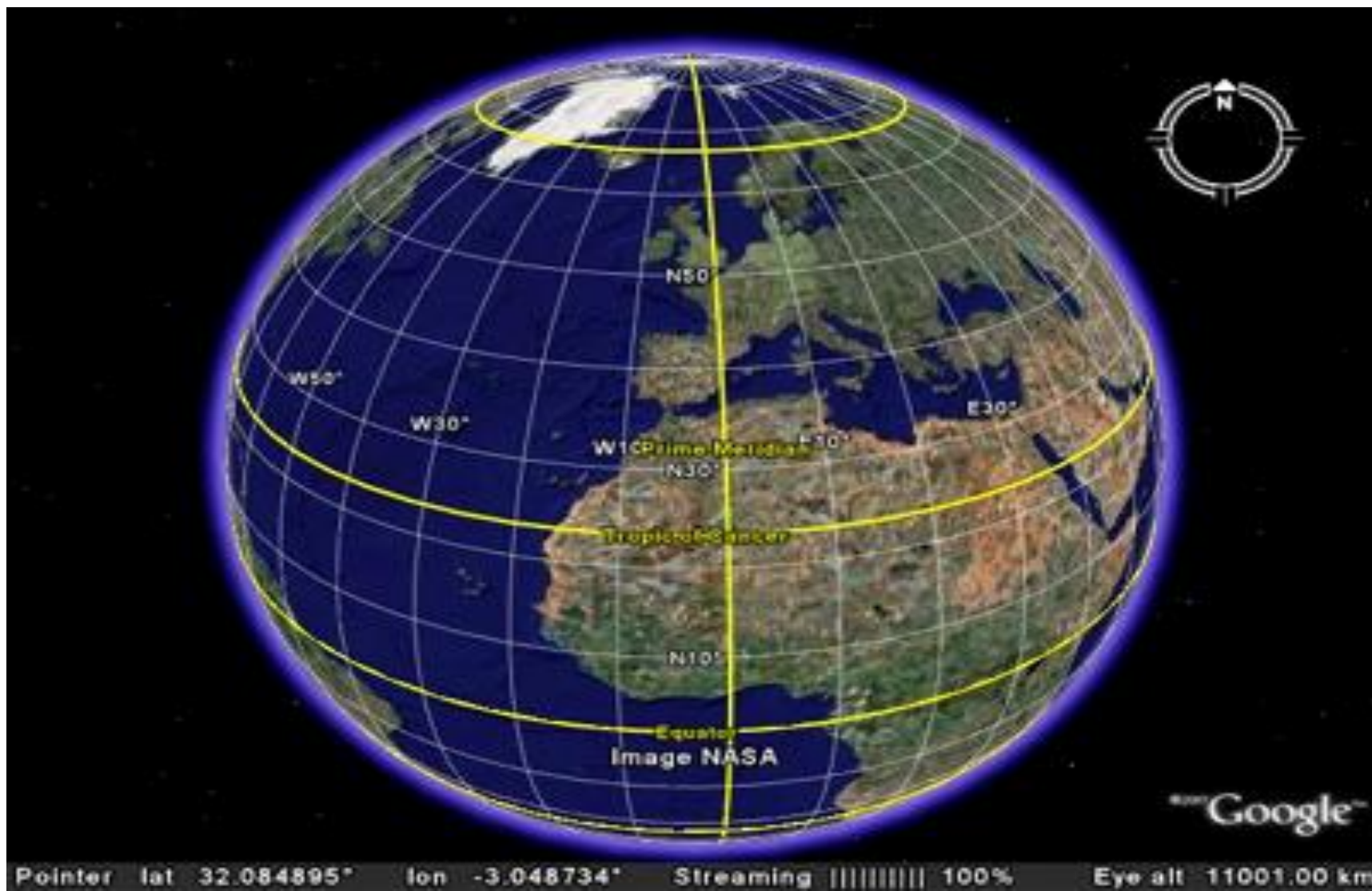


Small-Scale Map

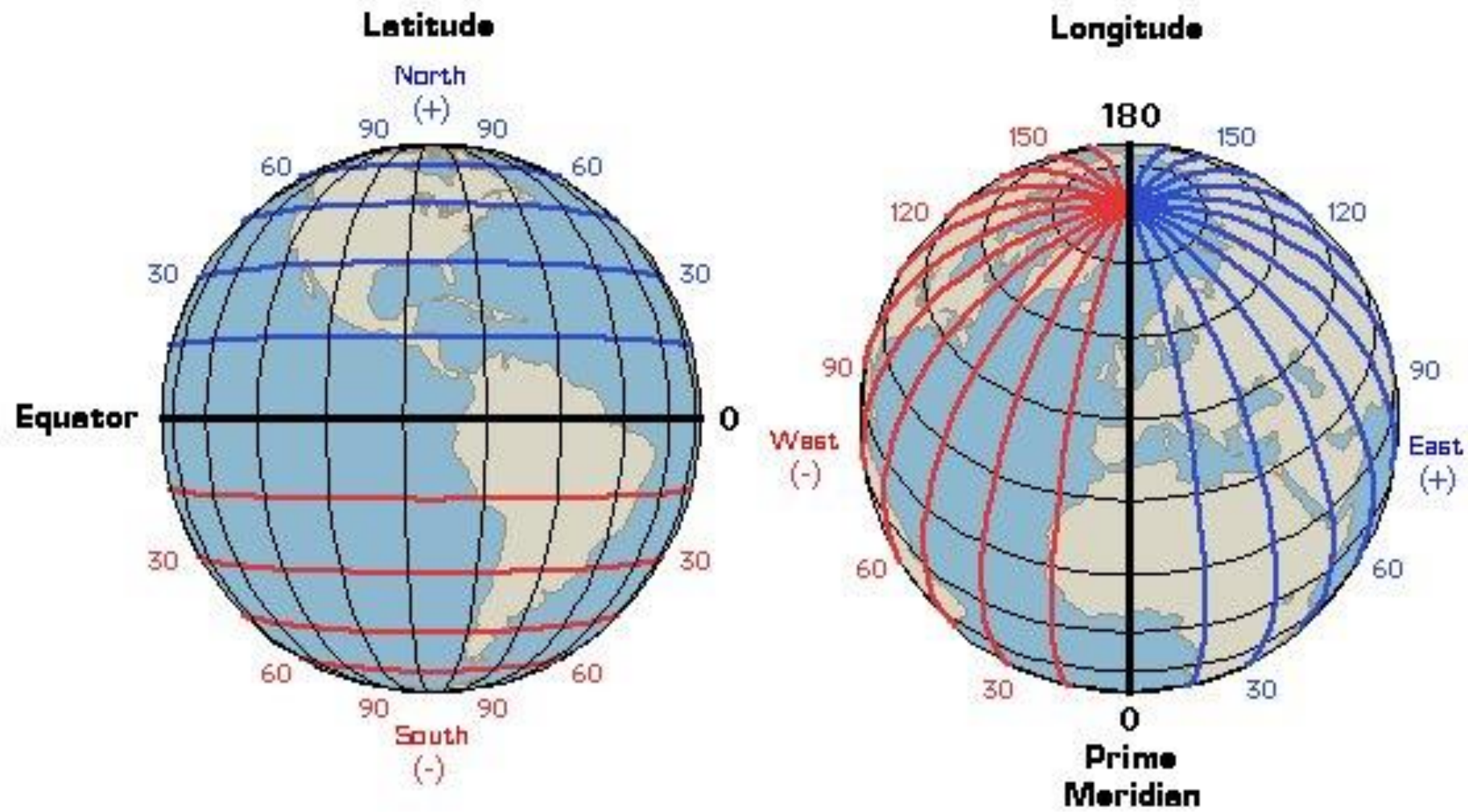


Large-Scale Map

Latitude and Longitude



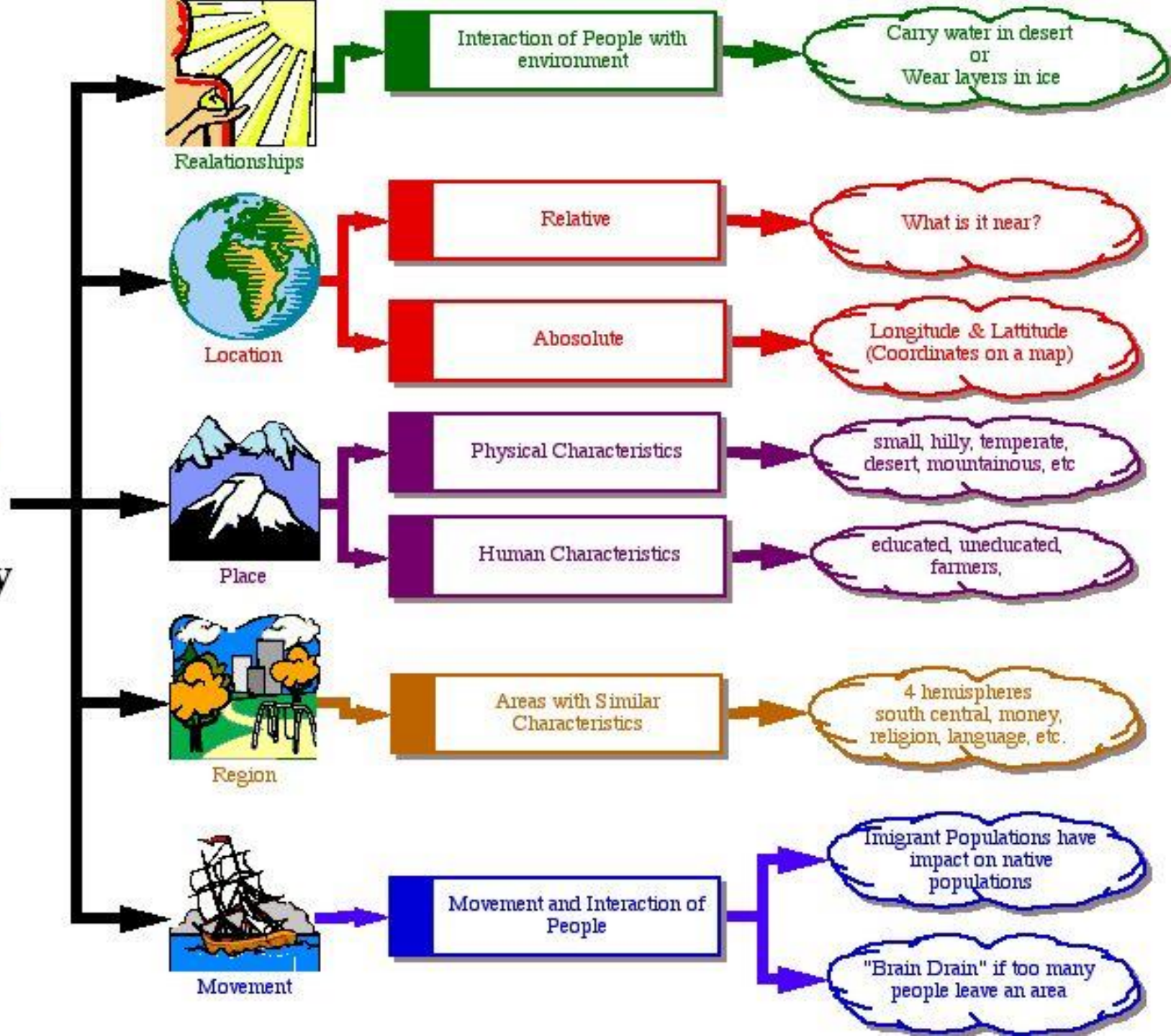
Equator and Prime Meridian



THE FIVE THEMES OF GEOGRAPHY

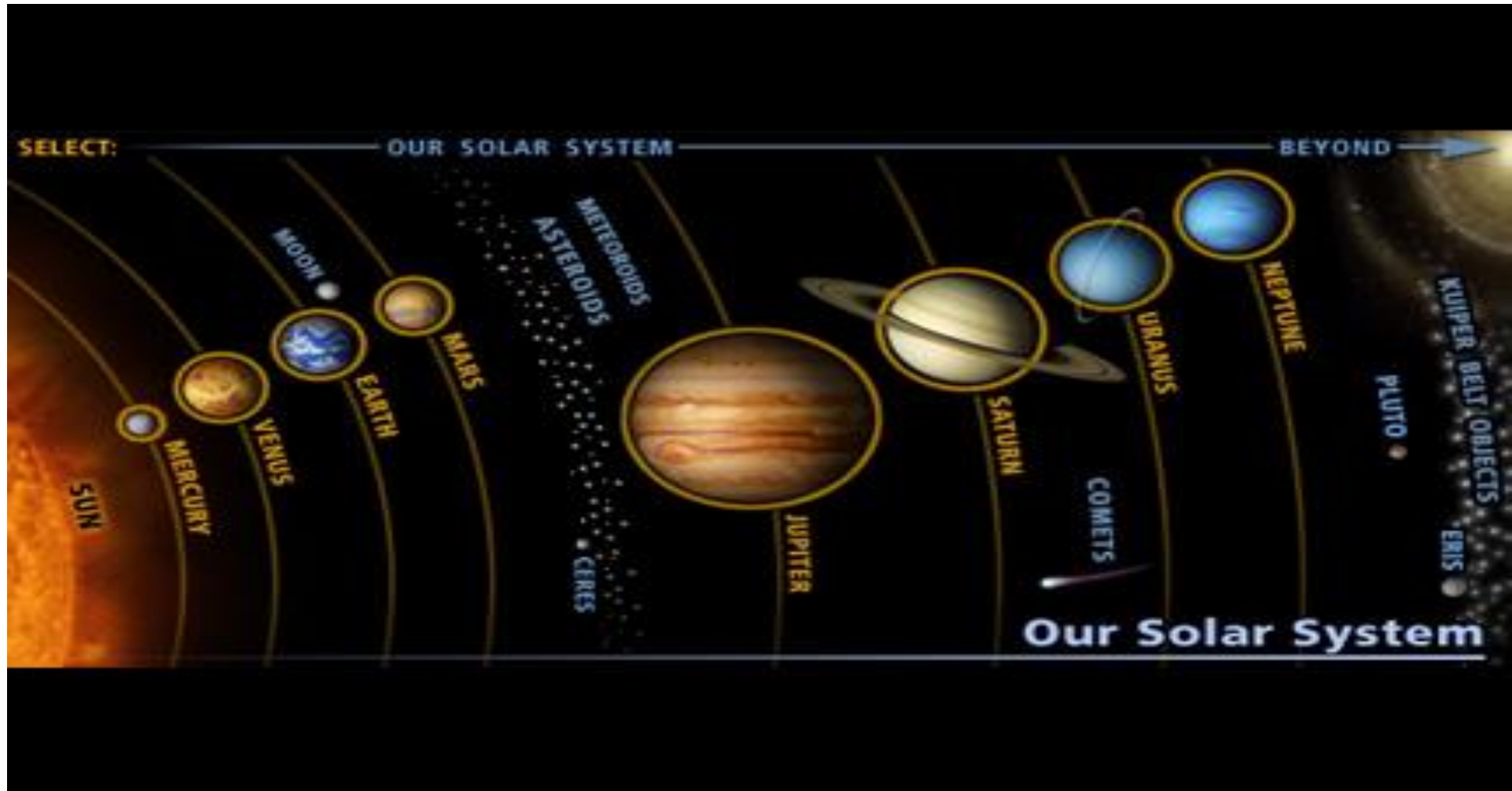
- **Location**
- **Place**
- **Human-Environment Interaction**
- **Movement**
- **Regions**

5
Geography
Themes



Solar System

- Inner/Terrestrial Planets
- Outer/Gas Giants



Earth's Structure

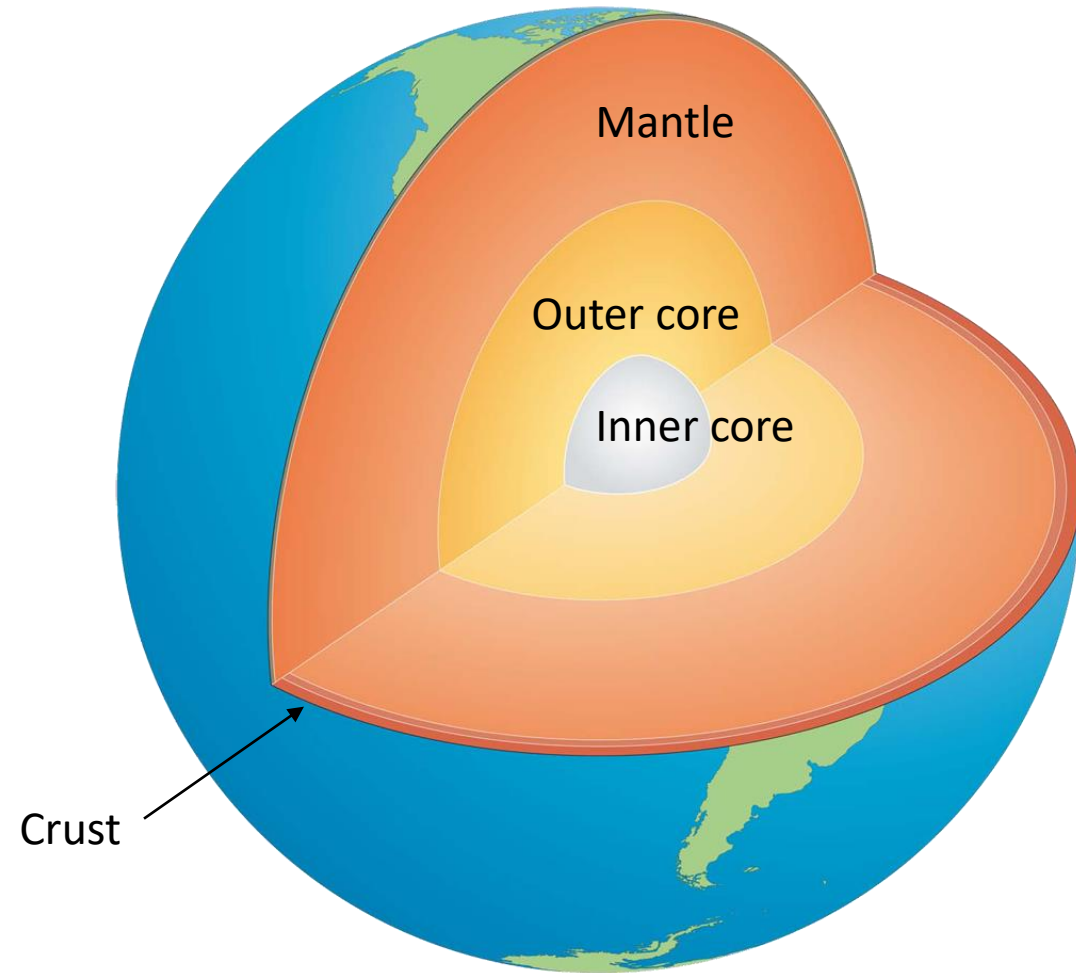
- Earth is made up of 3

main layers:

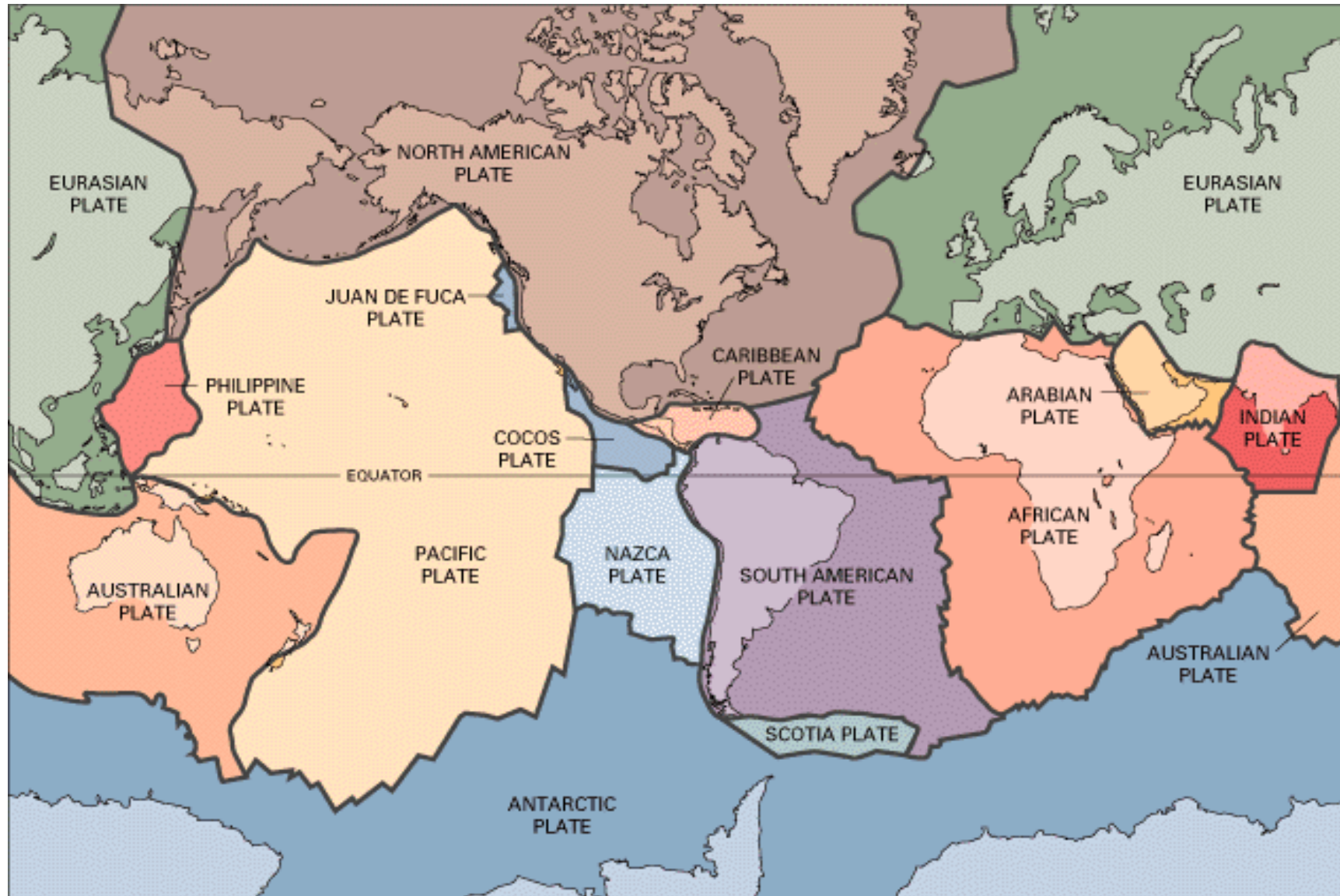
Core

Mantle

Crust



World Plates



The Water Cycle

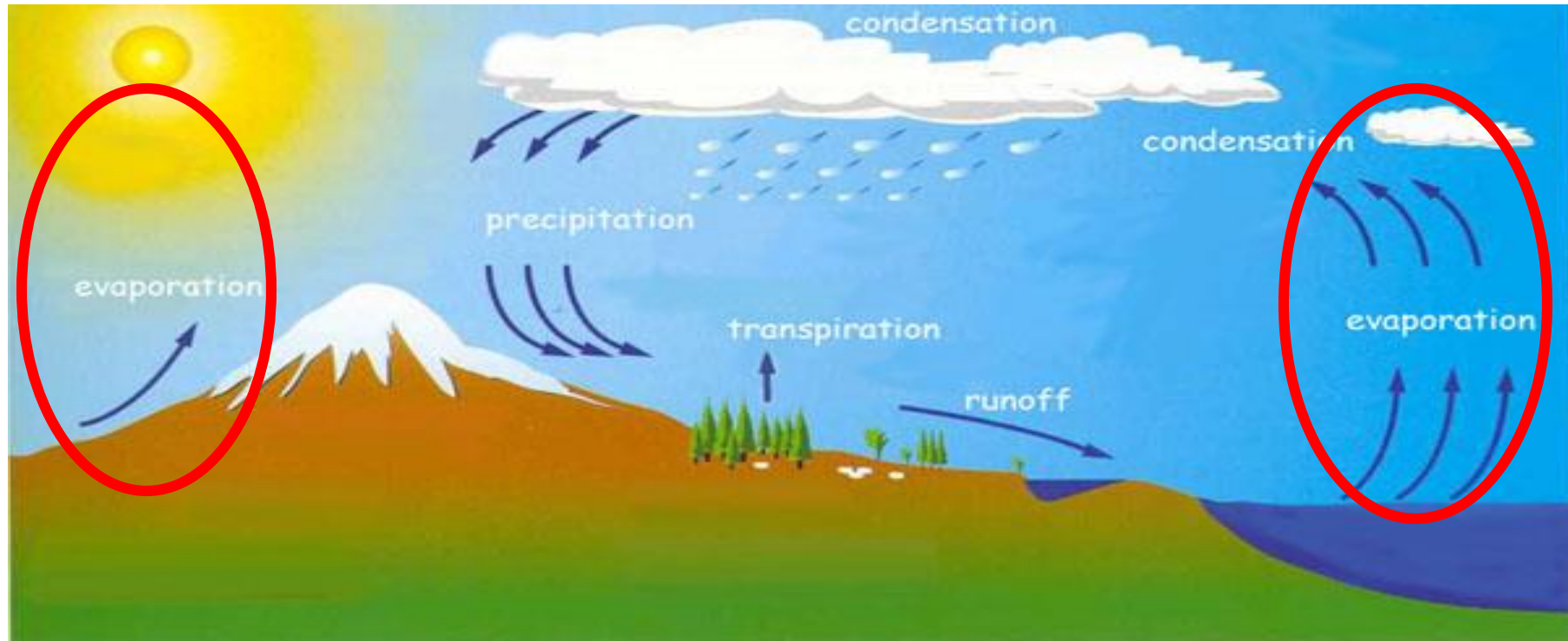
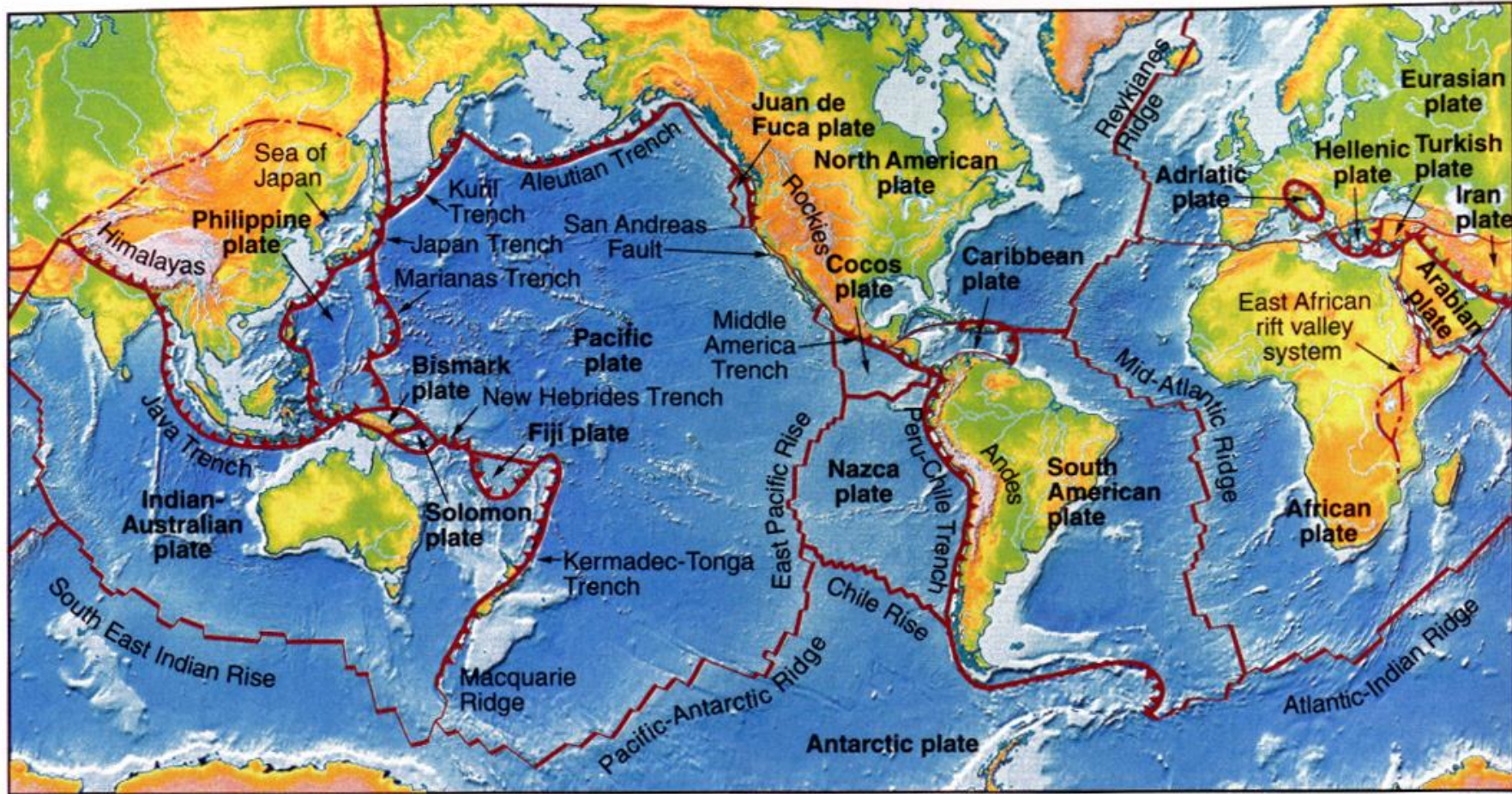


Plate Boundaries



Ridge axis
divergent boundary

Transform

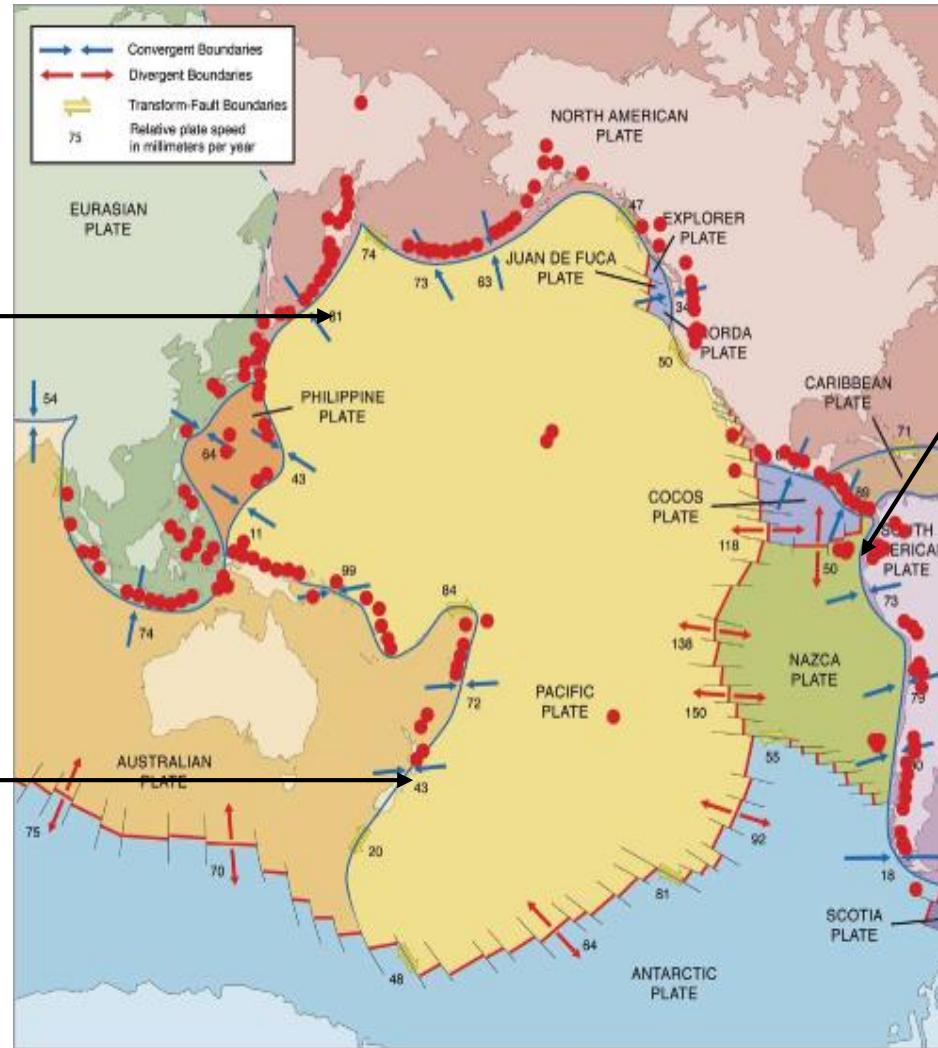
Subduction zone
Convergent boundary

Zones of Extension within continents

Uncertain plate
boundary

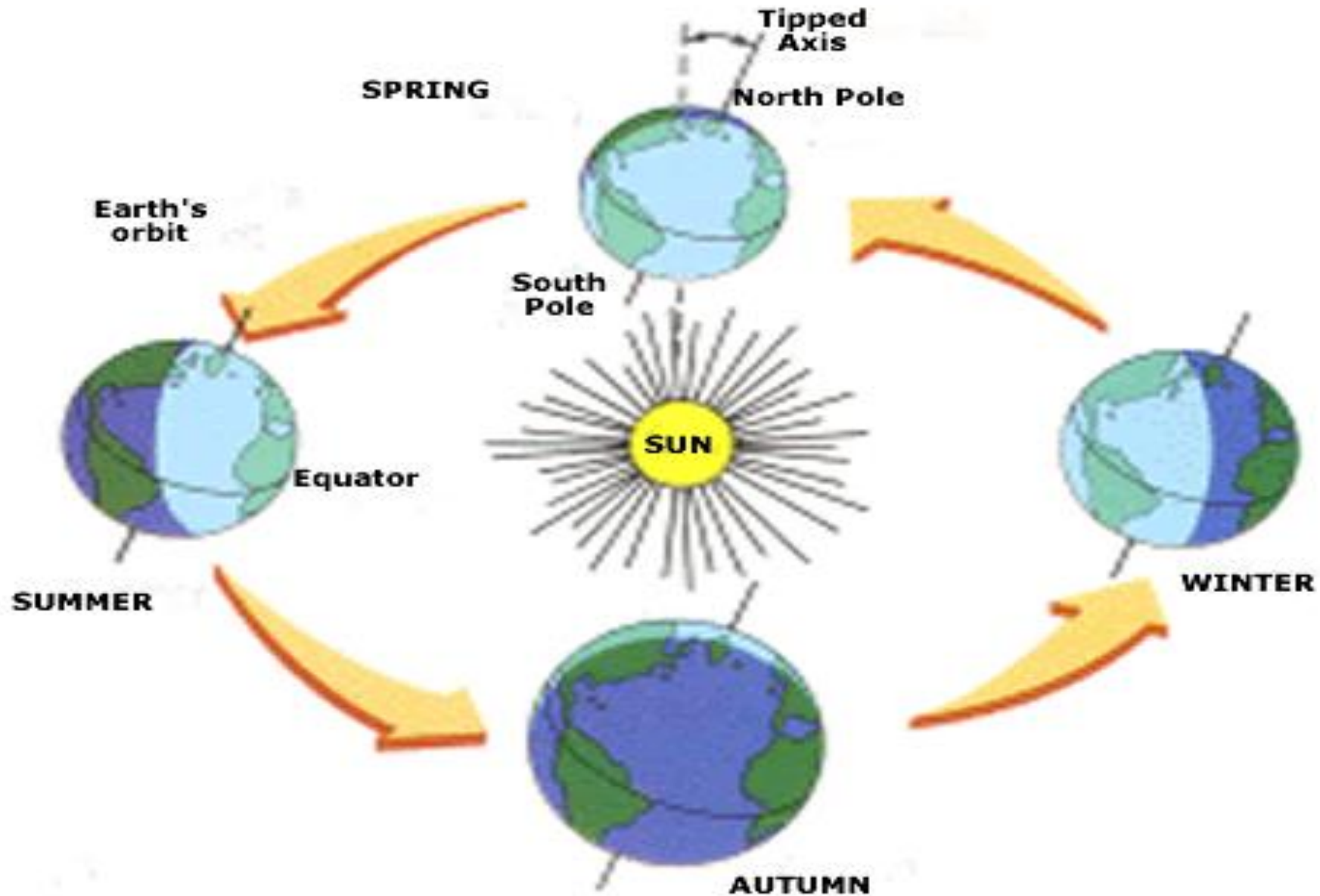
Earth Plate

Pacific Ring of Fire



Volcanism is mostly focused at plate margins

Earth's Tilt and Rotation = Seasons



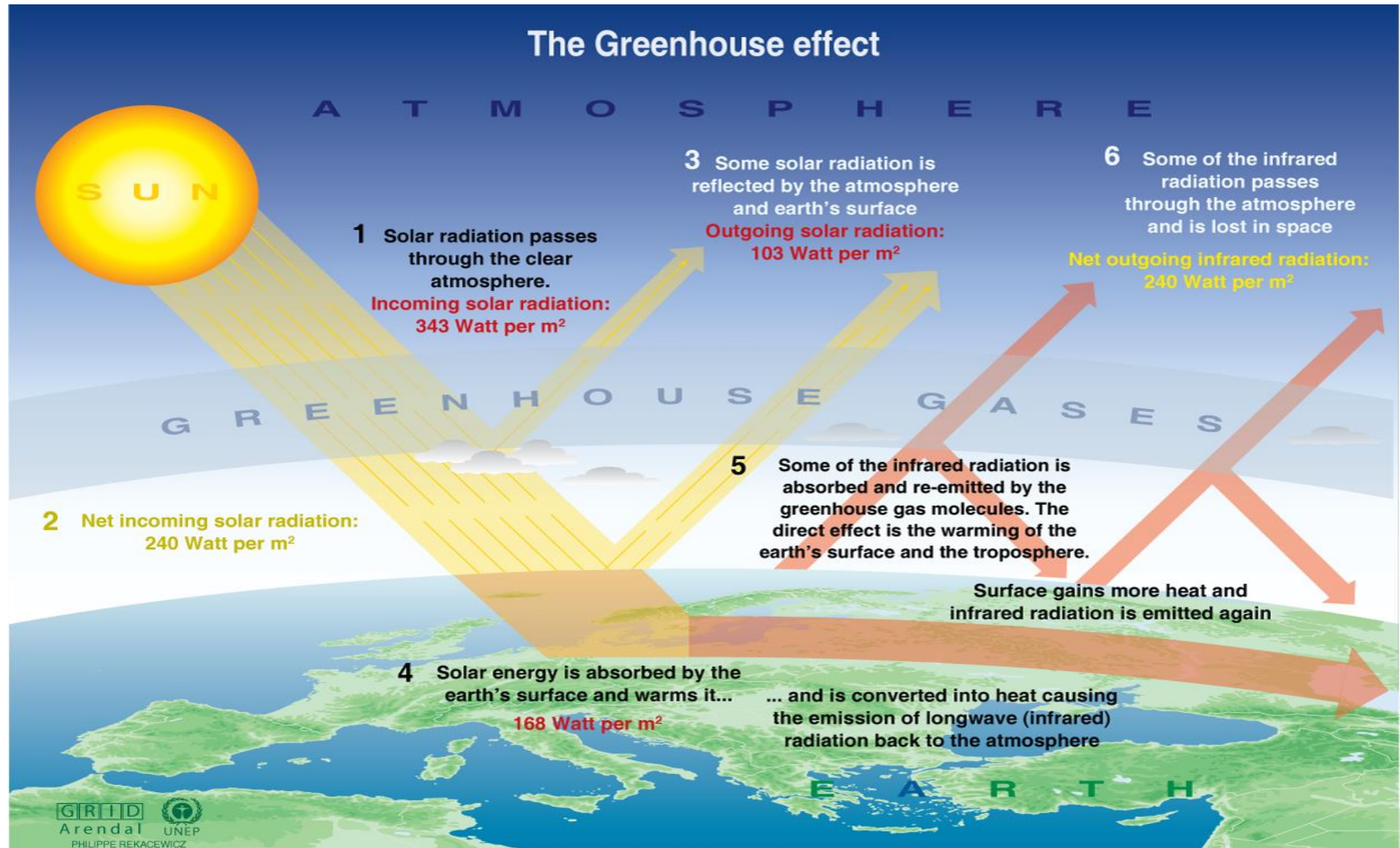
What is this?



Midnight Sun!!



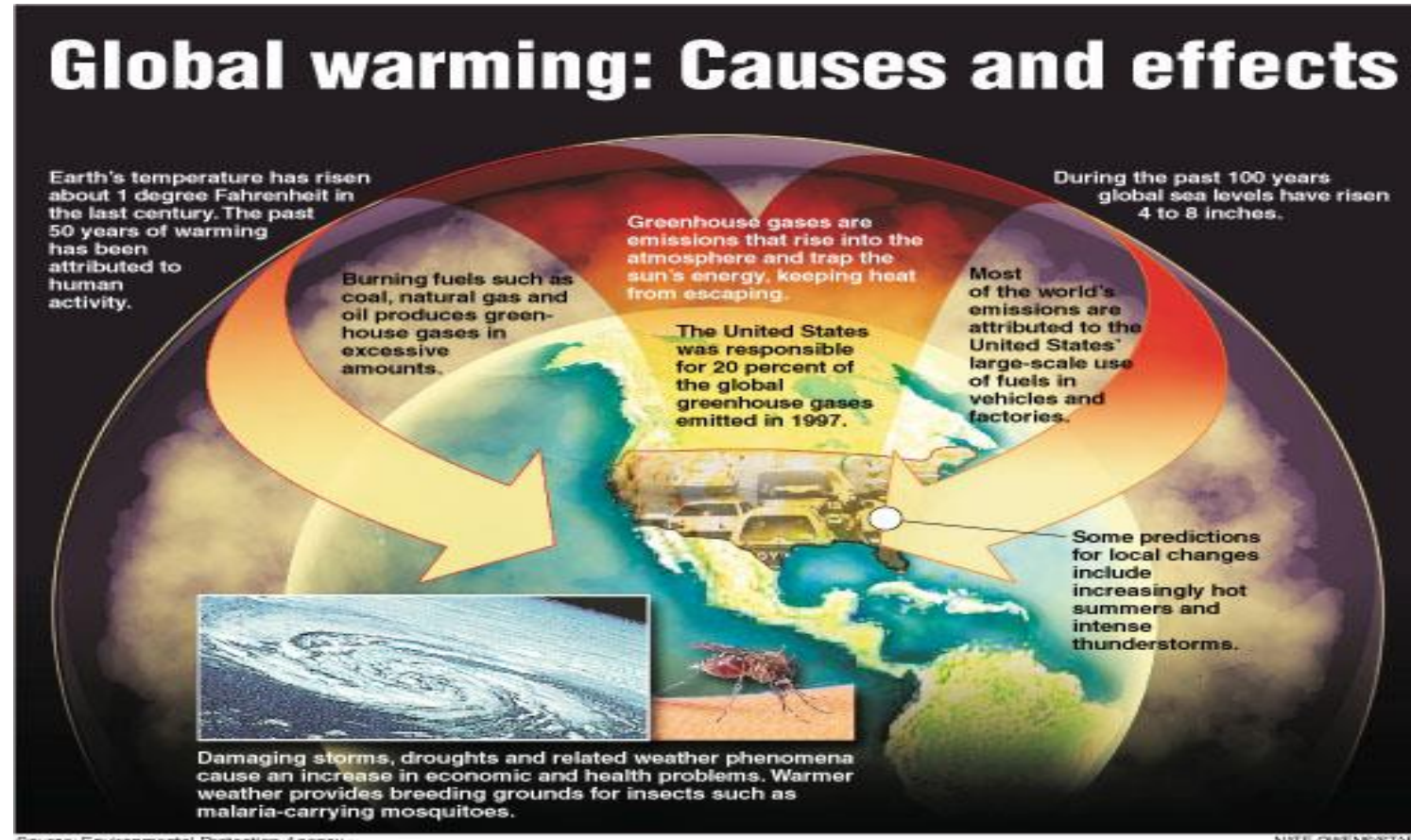
The Greenhouse Effect (natural)



Sources: Okanagan university college in Canada, Department of geography, University of Oxford, school of geography; United States Environmental Protection Agency (EPA), Washington; Climate change 1995, The science of climate change, contribution of working group 1 to the second assessment report of the intergovernmental panel on climate change, UNEP and WMO, Cambridge university press, 1996.

Global Warming

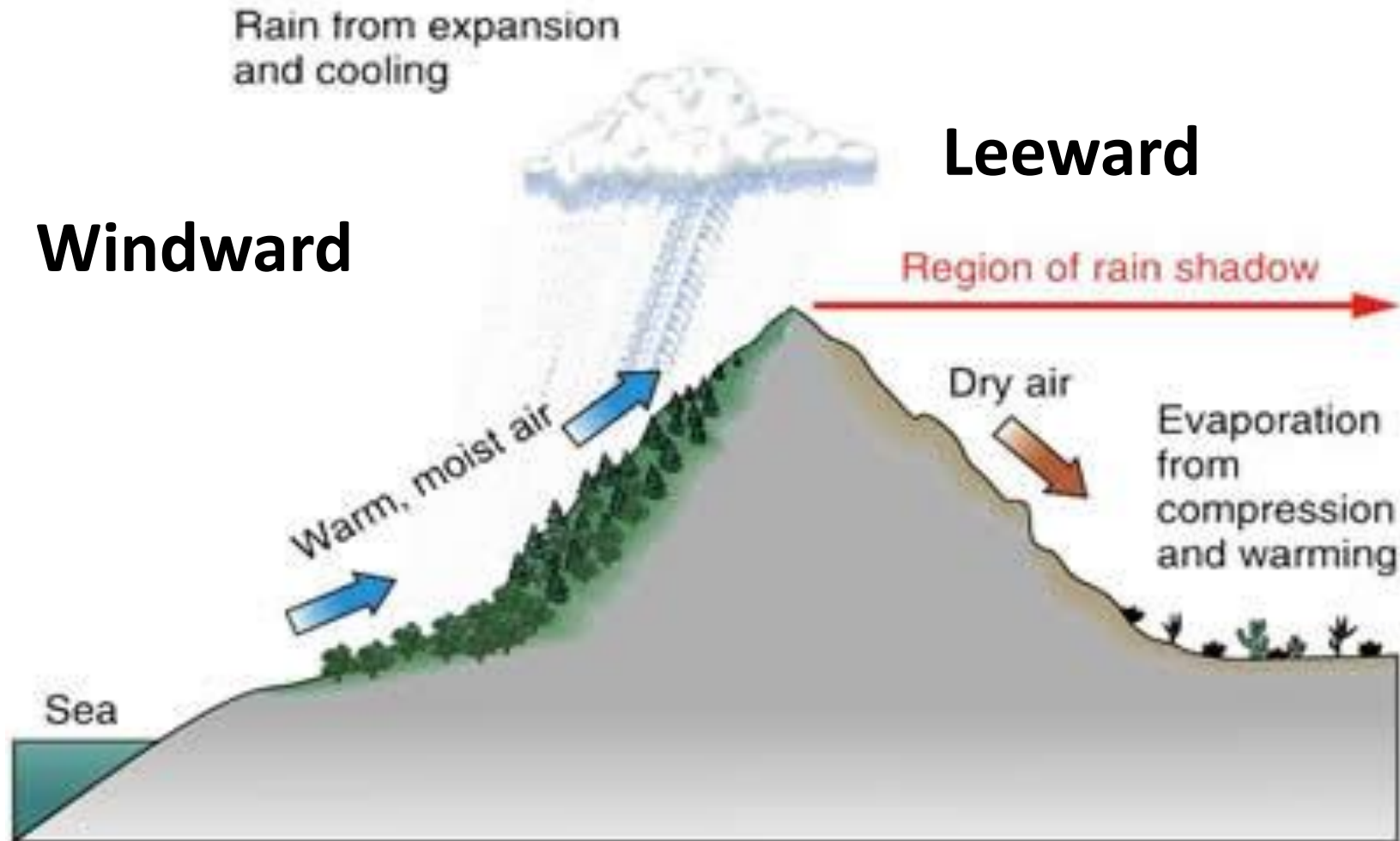
- Believed to be caused in part by human activities such as burning coal, oil and gasses
- Predict more extreme weather patterns



Windward/Leeward side of mountains and the Rainshadow Effect

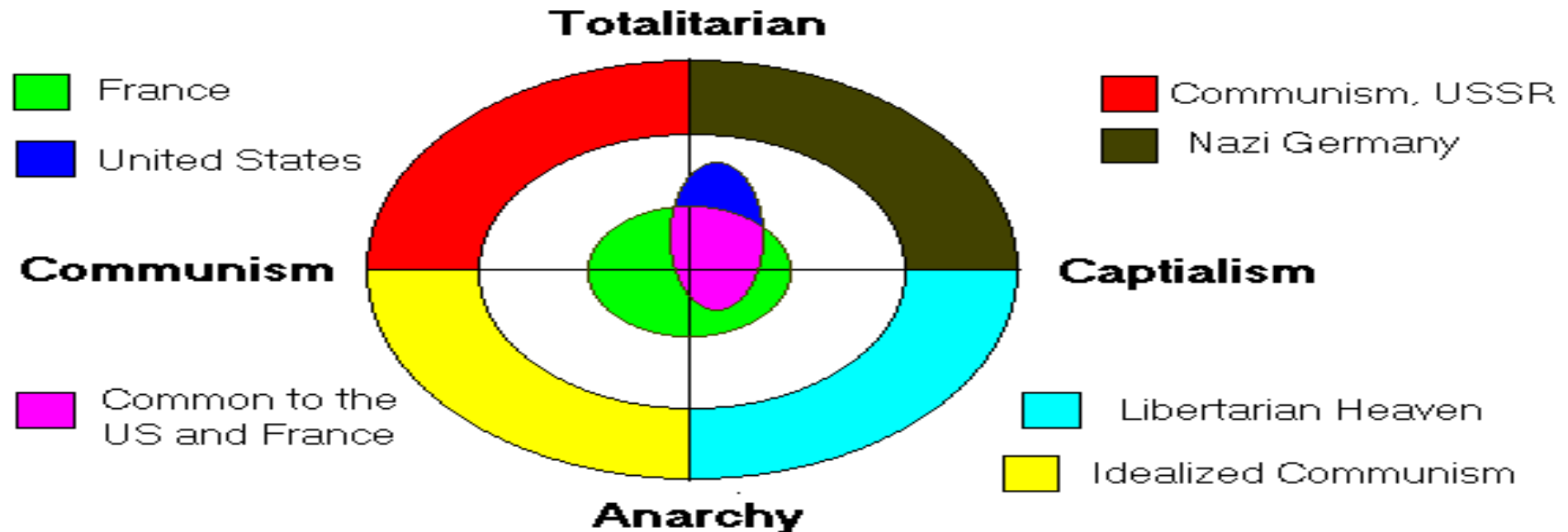


Windward/Leeward side of mountains and the Rainshadow Effect

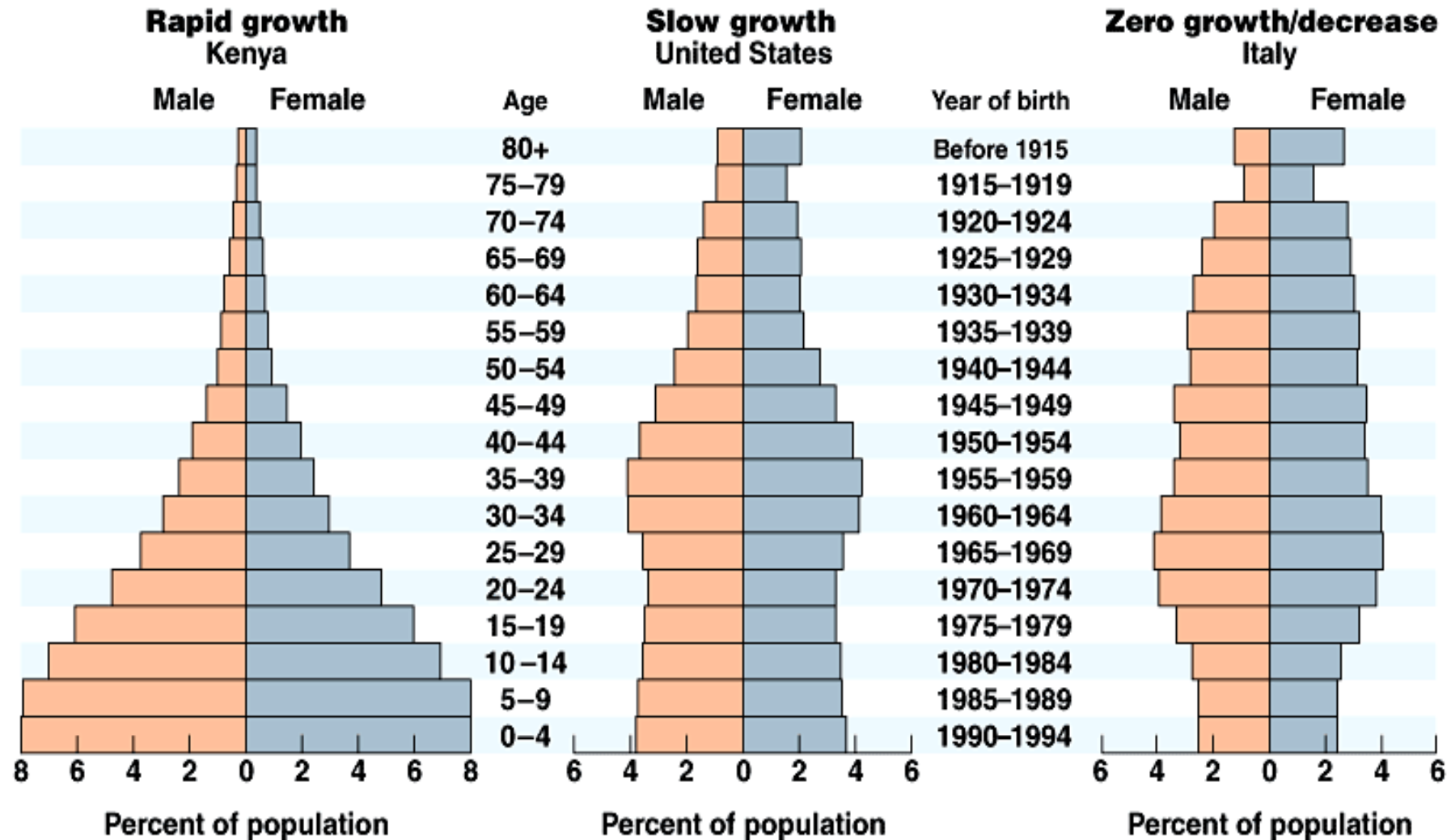


Types of Governments

- All government systems belong to 3 major groups:
 - Autocracy – rule by one person
 - Oligarchy – rule by a few people
 - Democracy – rule by many people



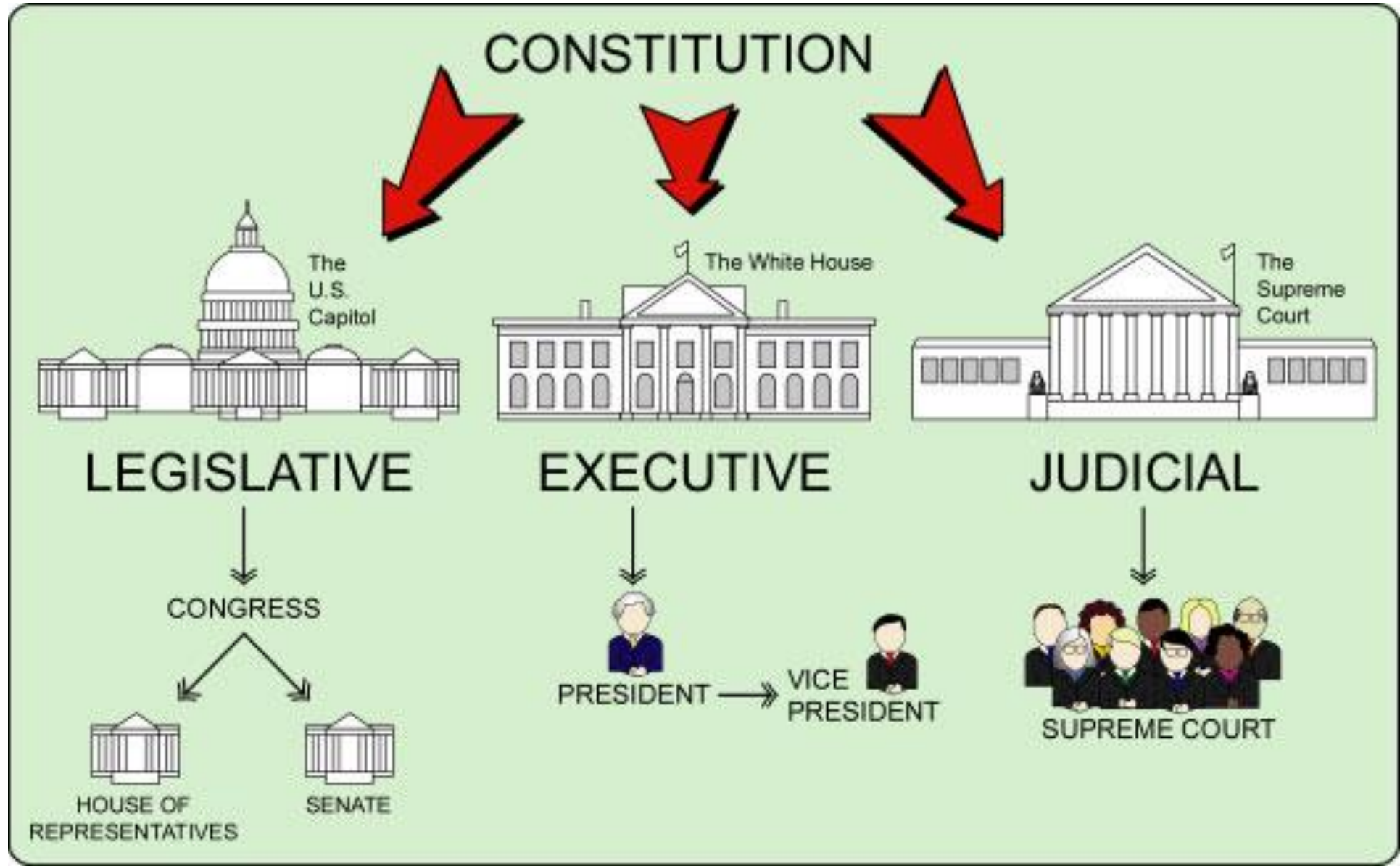
Population Pyramids



The United States and Canada!!!



U.S. Government



OHCHR IN LATIN AMERICA AND THE CARIBBEAN



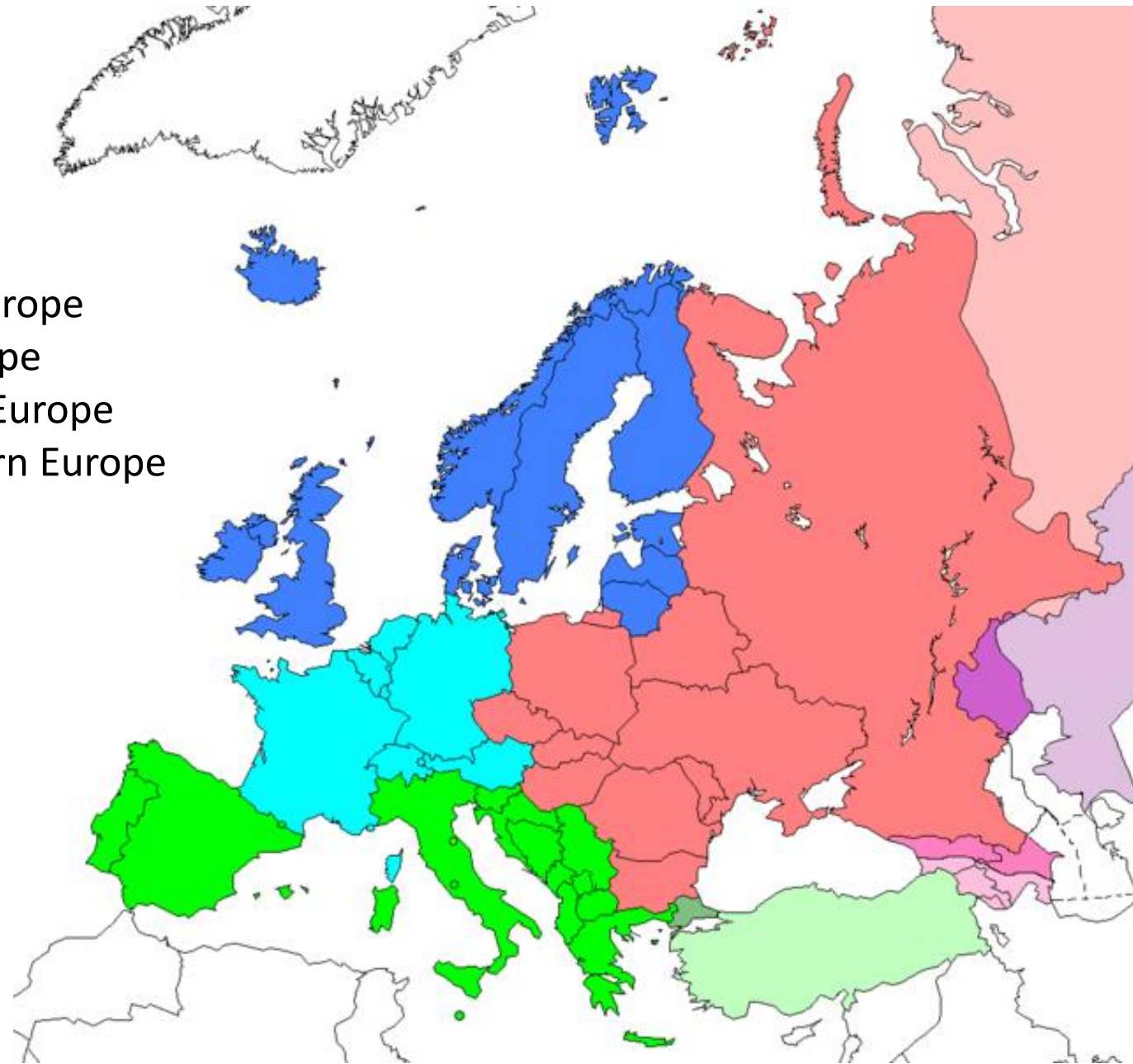
Andes Mountains



Inca!



Blue = Northern Europe
Red = Eastern Europe
Green = Southern Europe
Light Blue = Western Europe

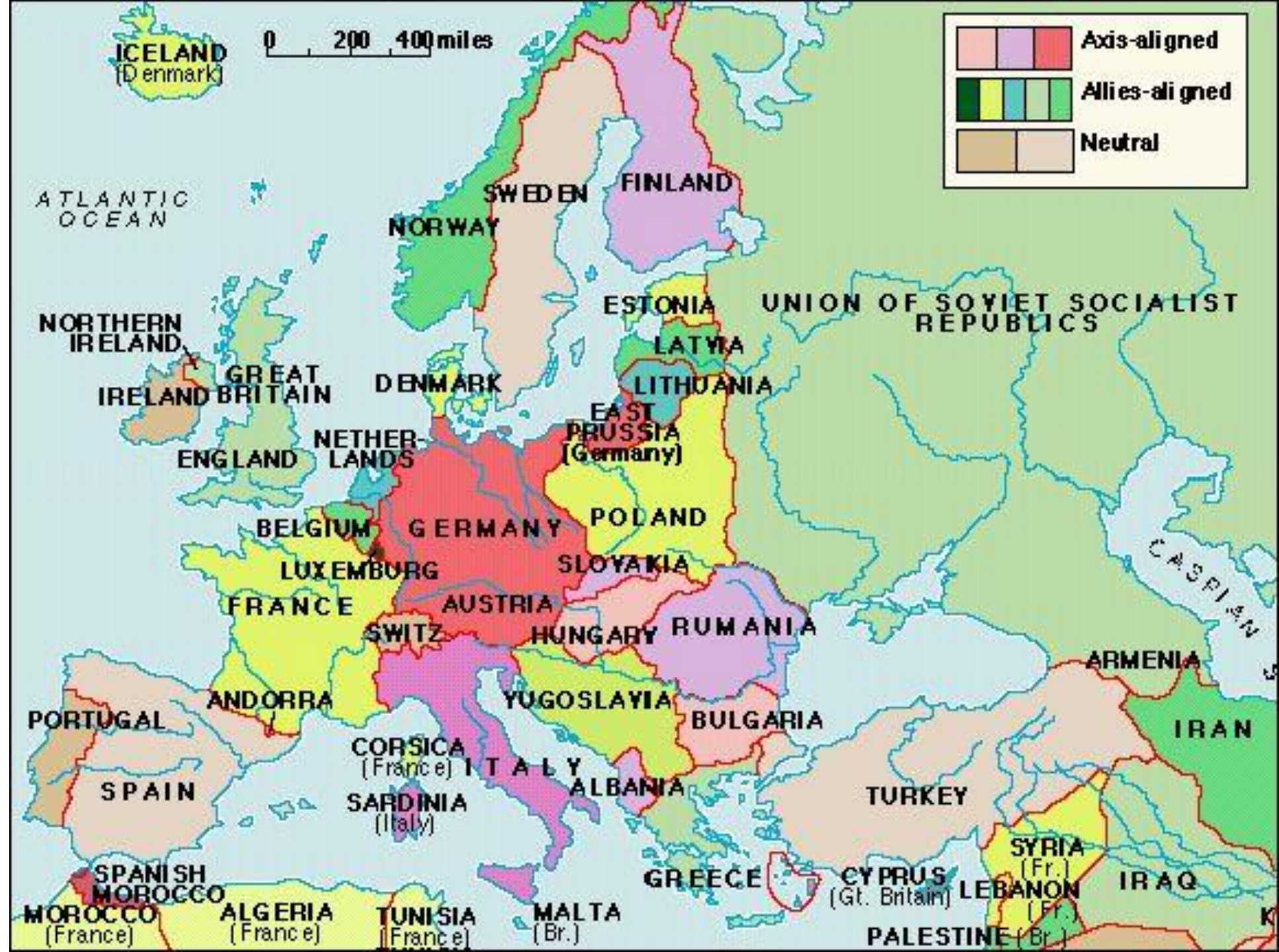


Peninsulas

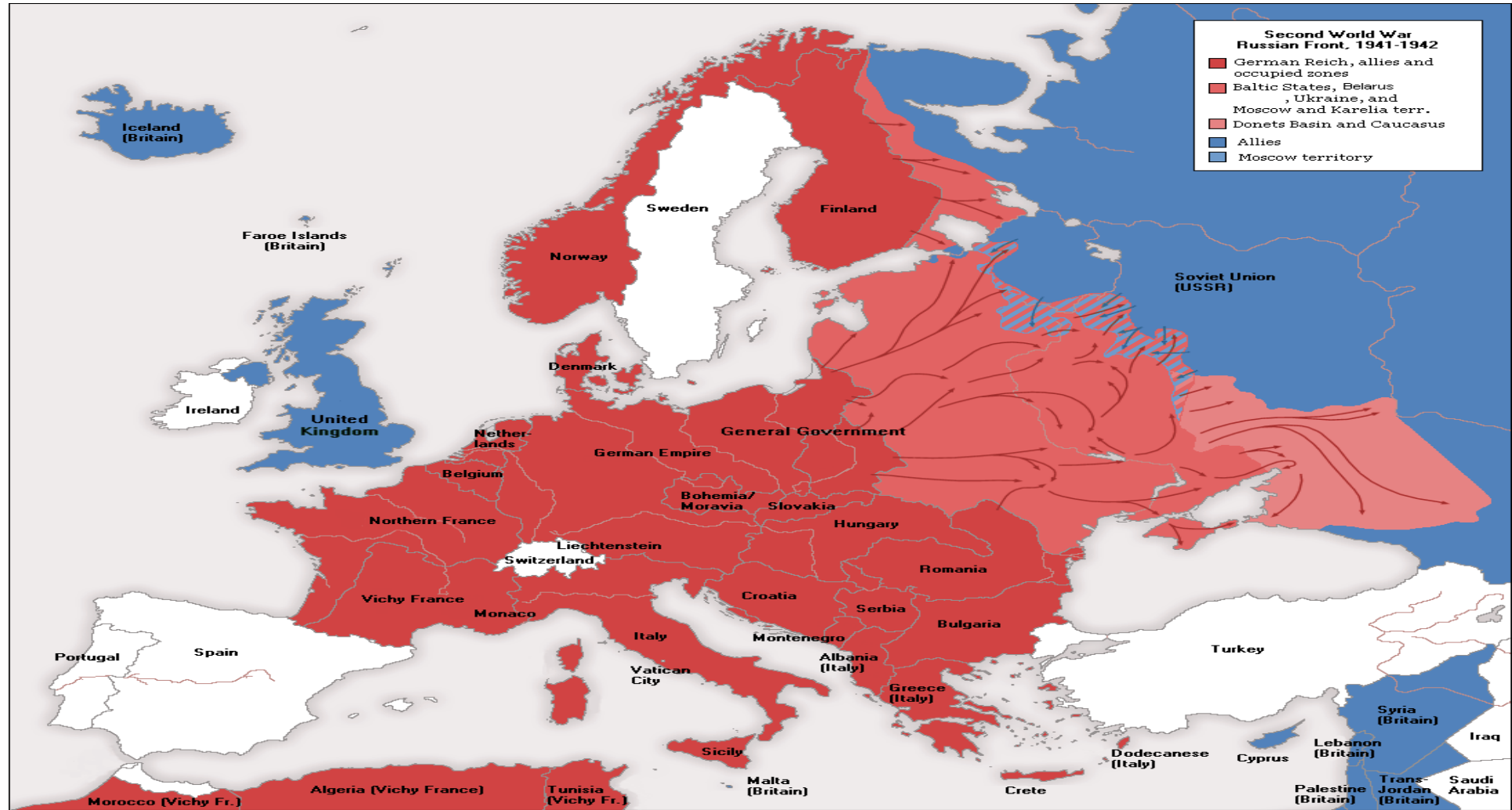
- Europe has five major peninsulas:
 - A. Scandinavian Peninsula
 - B. Jutland
 - C. Iberian Peninsula
 - D. Italian Peninsula
 - E. Balkan Peninsula

Europe in 1914 before the war





Europe map WWII



WWII Germany Division and The Berlin Wall

