



Maps

Activity

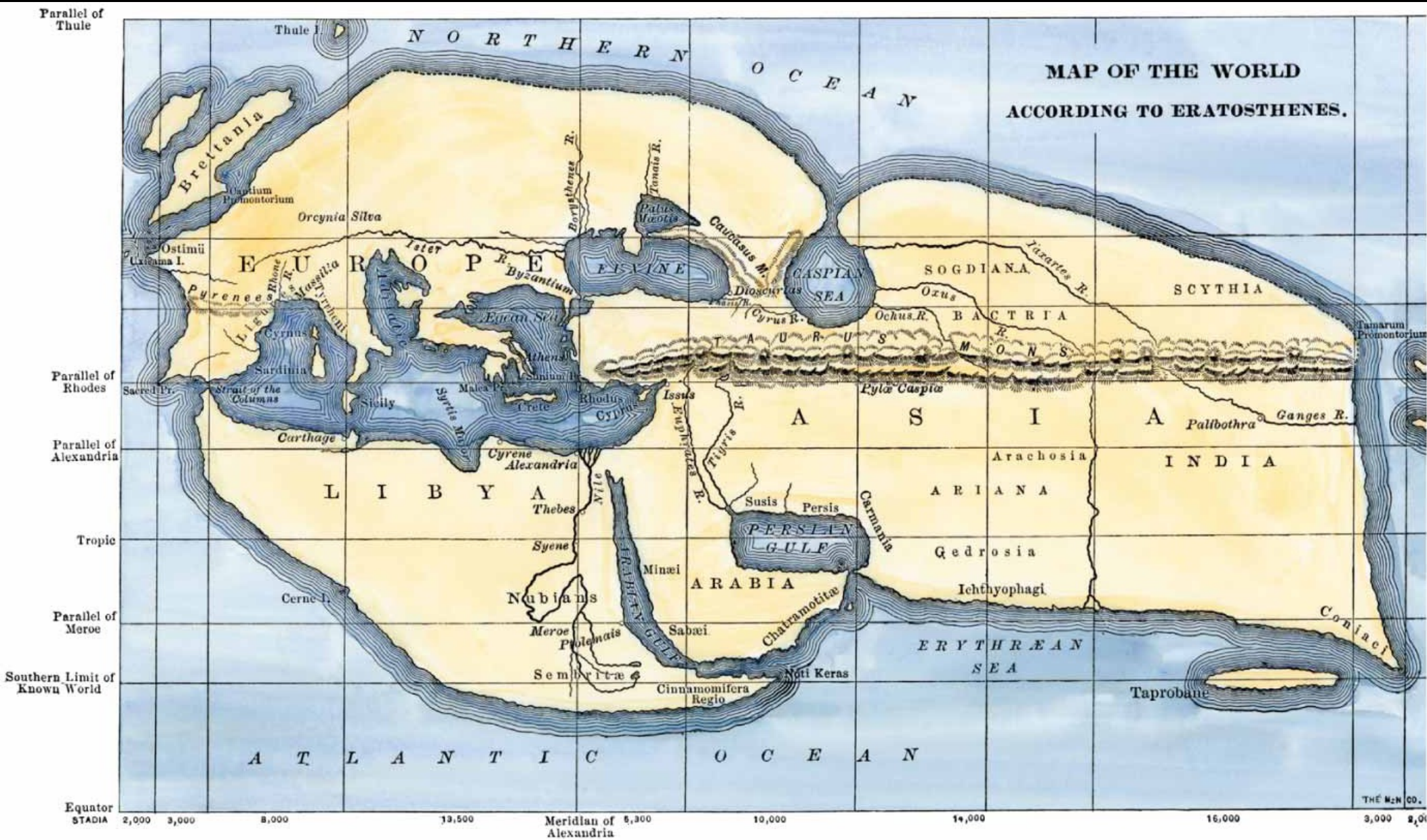
In 5 Minutes: Draw a map of the world in your notebook.

Discuss

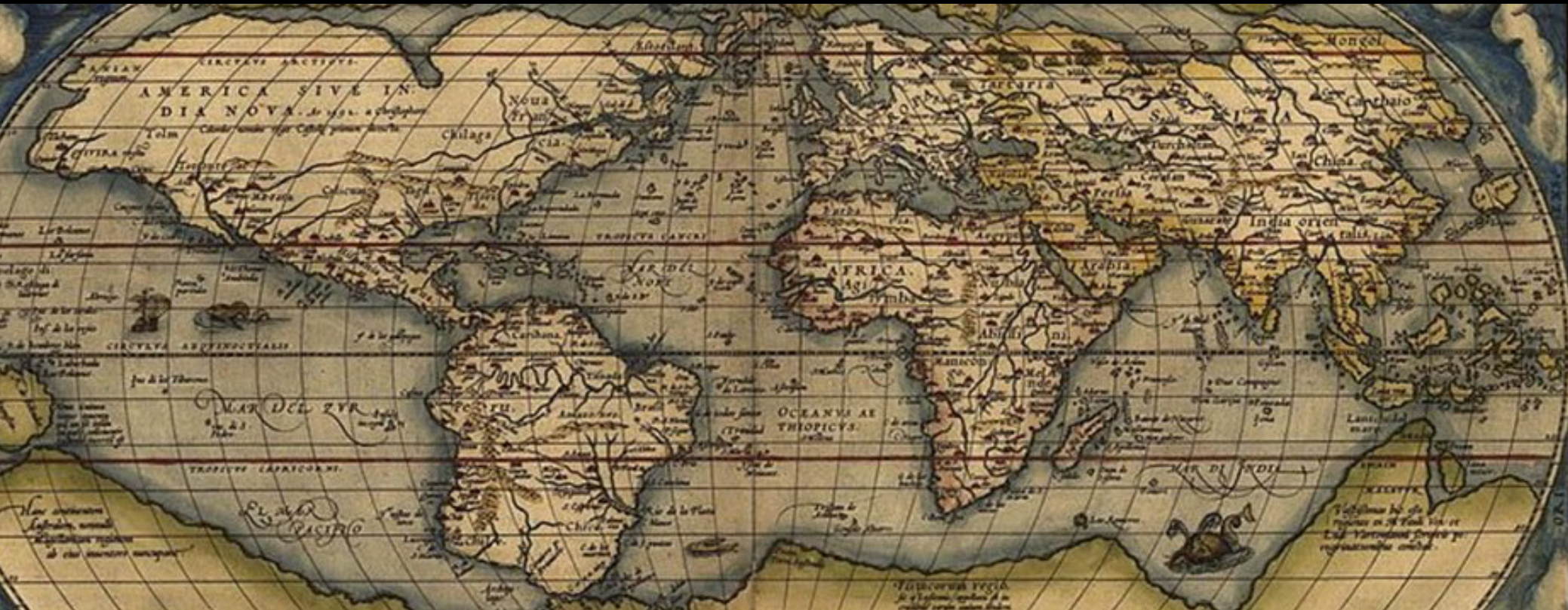
What is a map?

**Have we always had
good maps?**

World Map: 200 BC



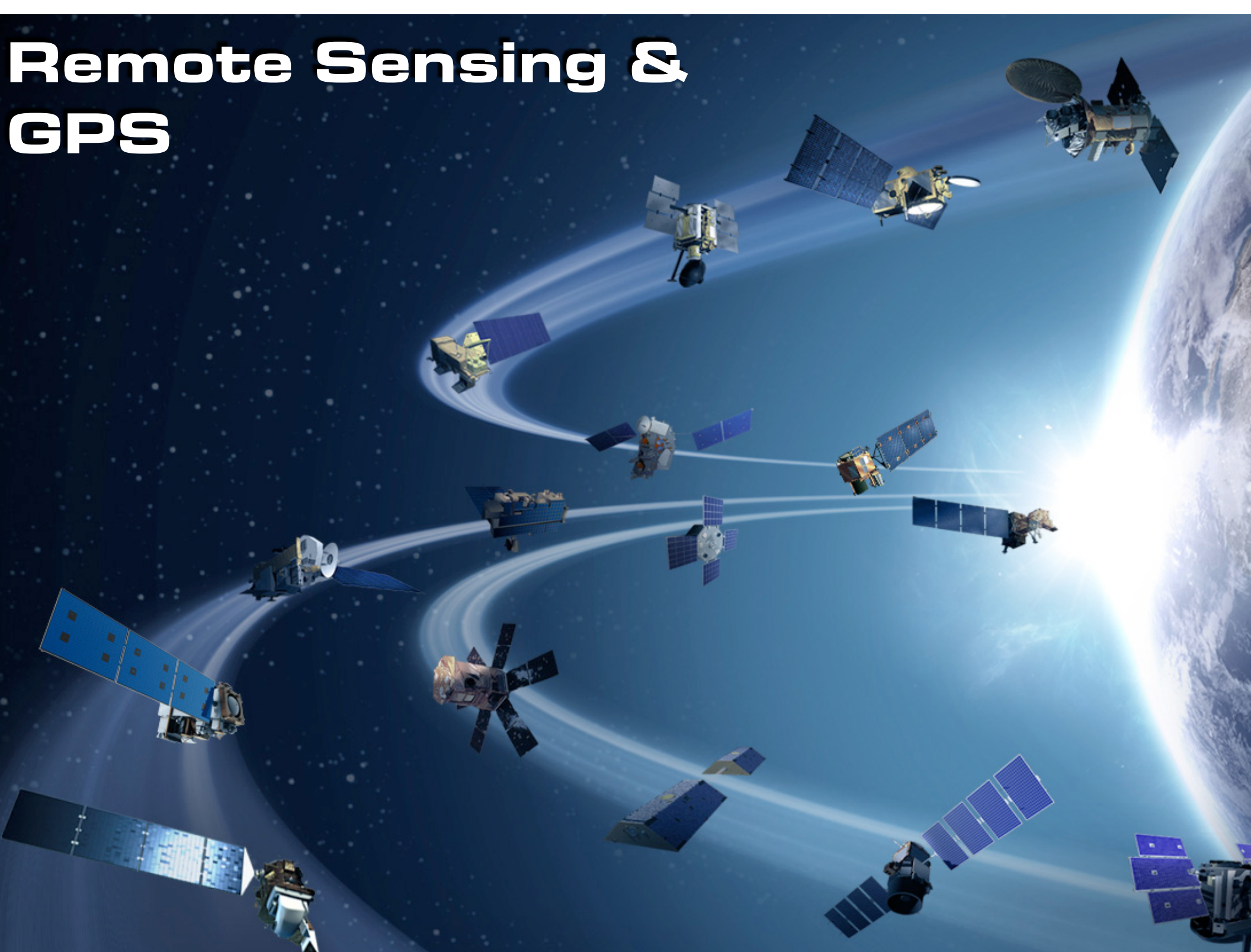
World Map: 1500



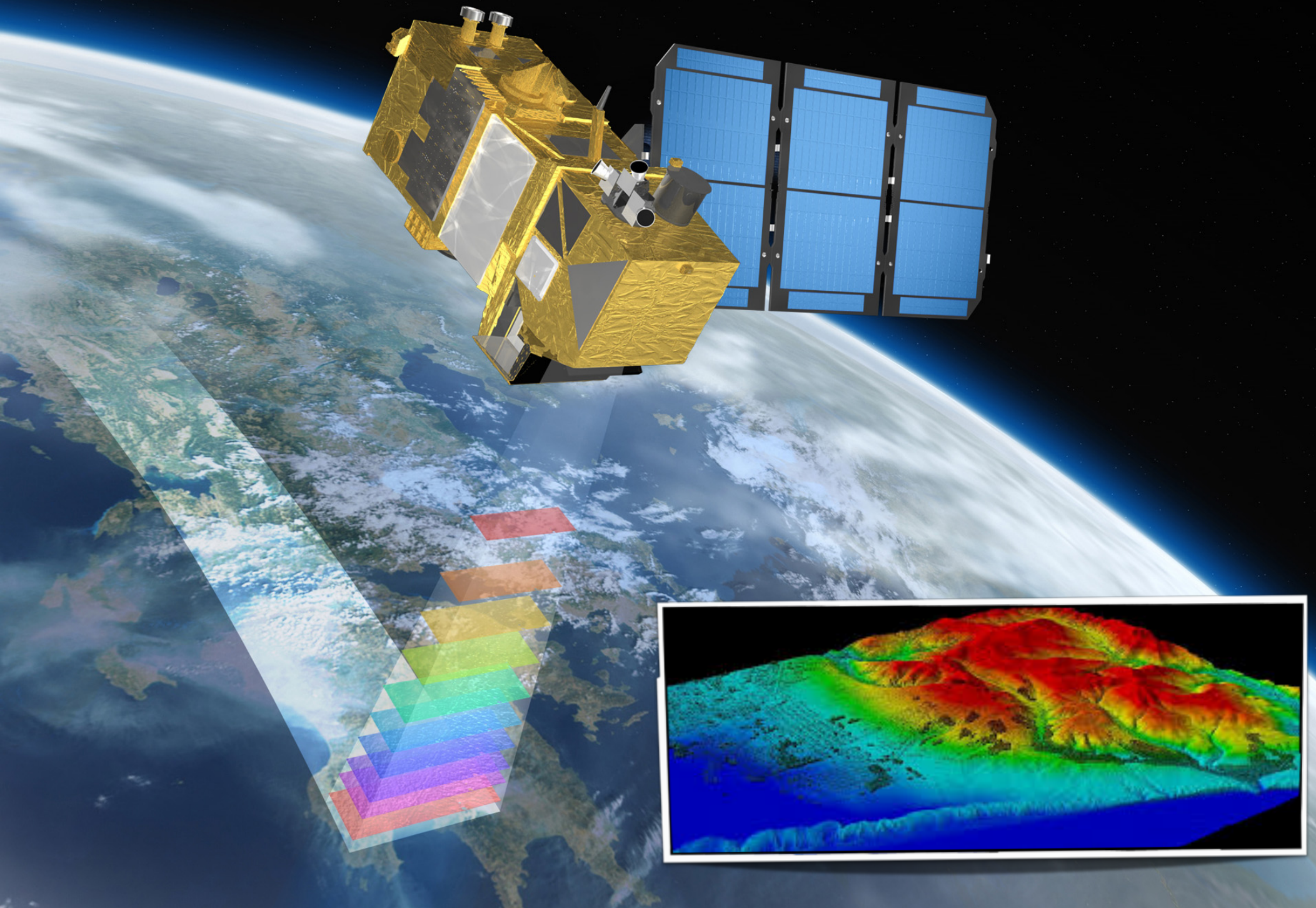
Discuss

**How do we get the
map data?**

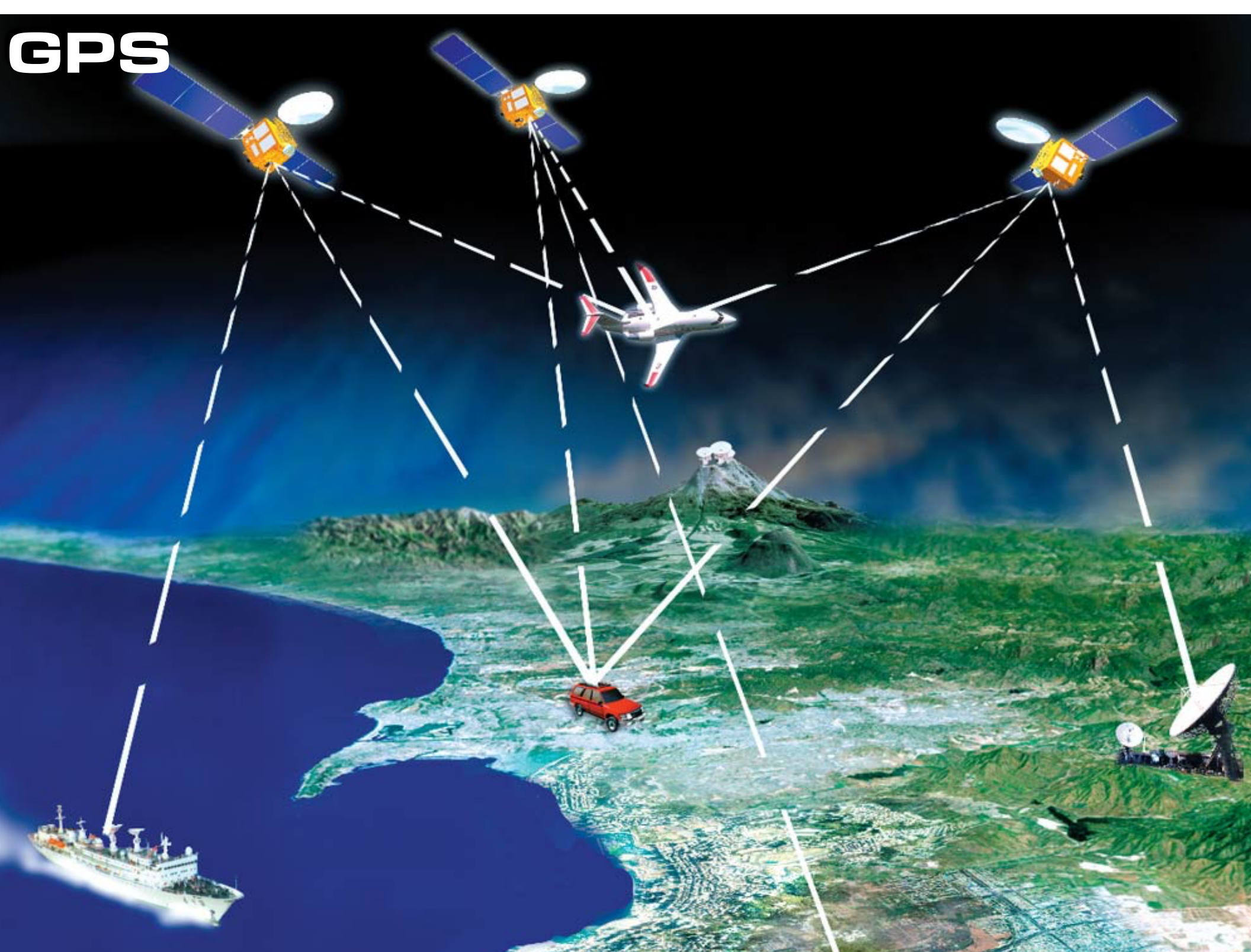
Remote Sensing & GPS



Remote Sensing



GPS



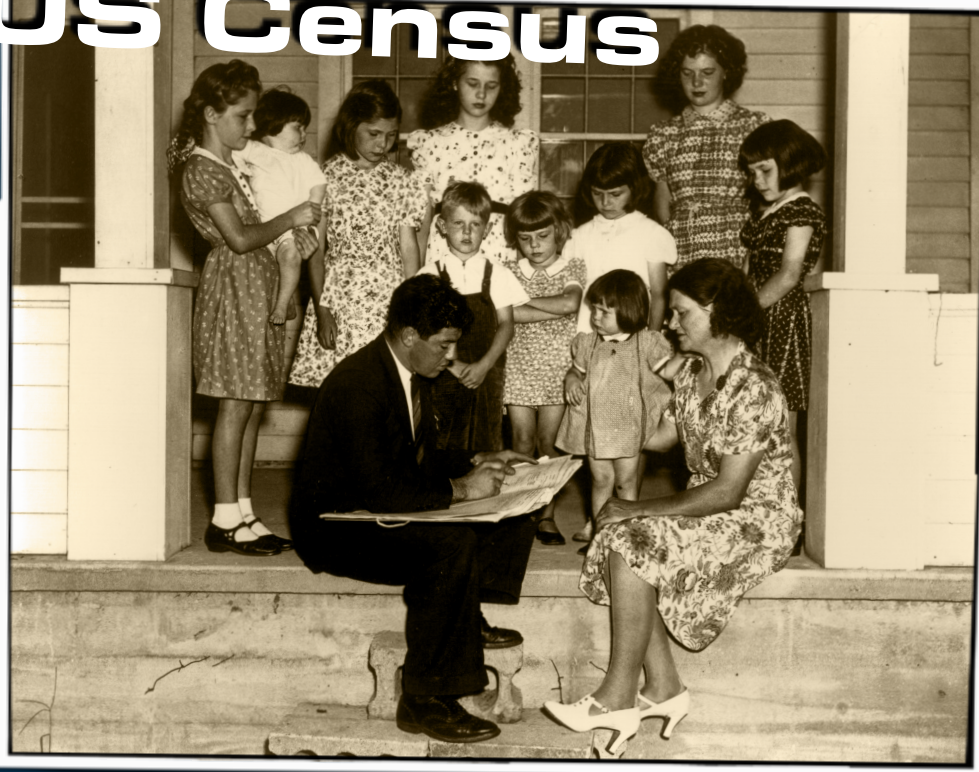
Surveys & Interviews



Shopping



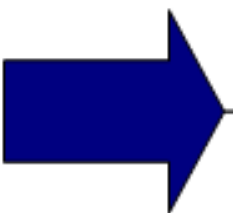
US Census



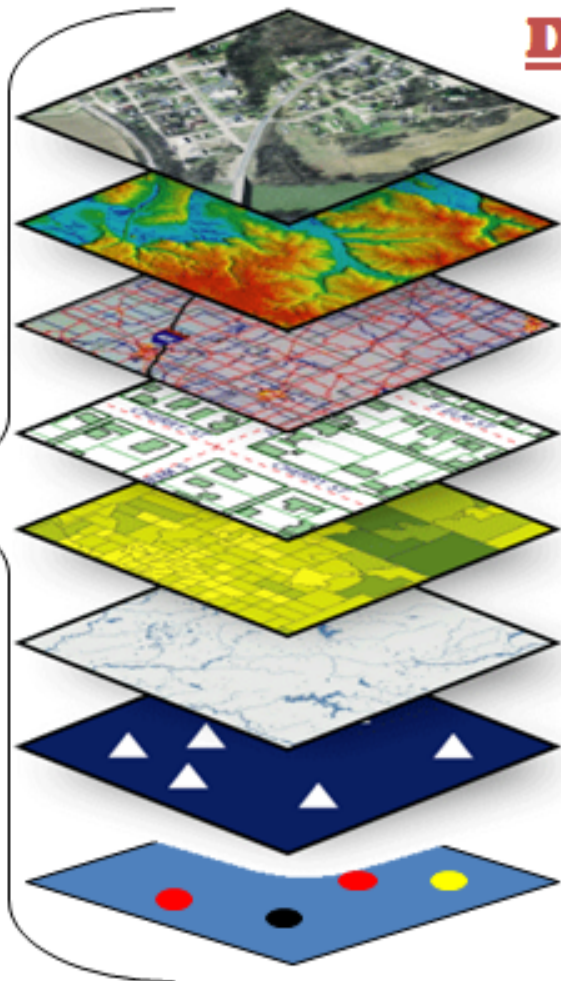
Internet Use



The Real World



GIS World Model



Data Slices

- Imagery**
- Elevation**
- Transportation**
- Addresses**
- Boundaries**
- Water Features**
- Survey Control**
- Your Data**

Discuss

What are the problems or limitations to data gathering?

Discuss

**What are the
purpose of maps?**

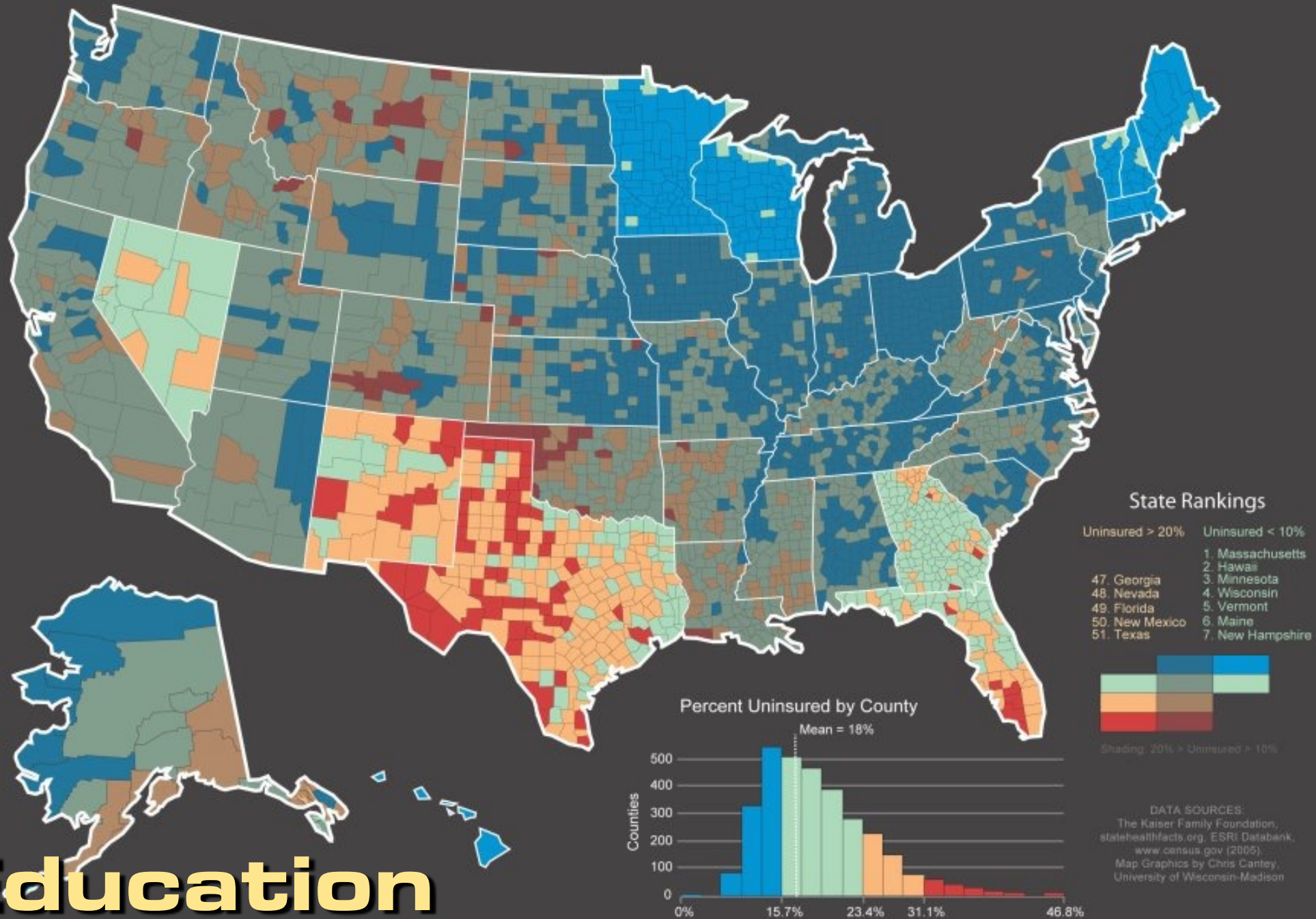


Marketing



The Uninsured States of America

*Prior to the implementation of the Affordable Care Act



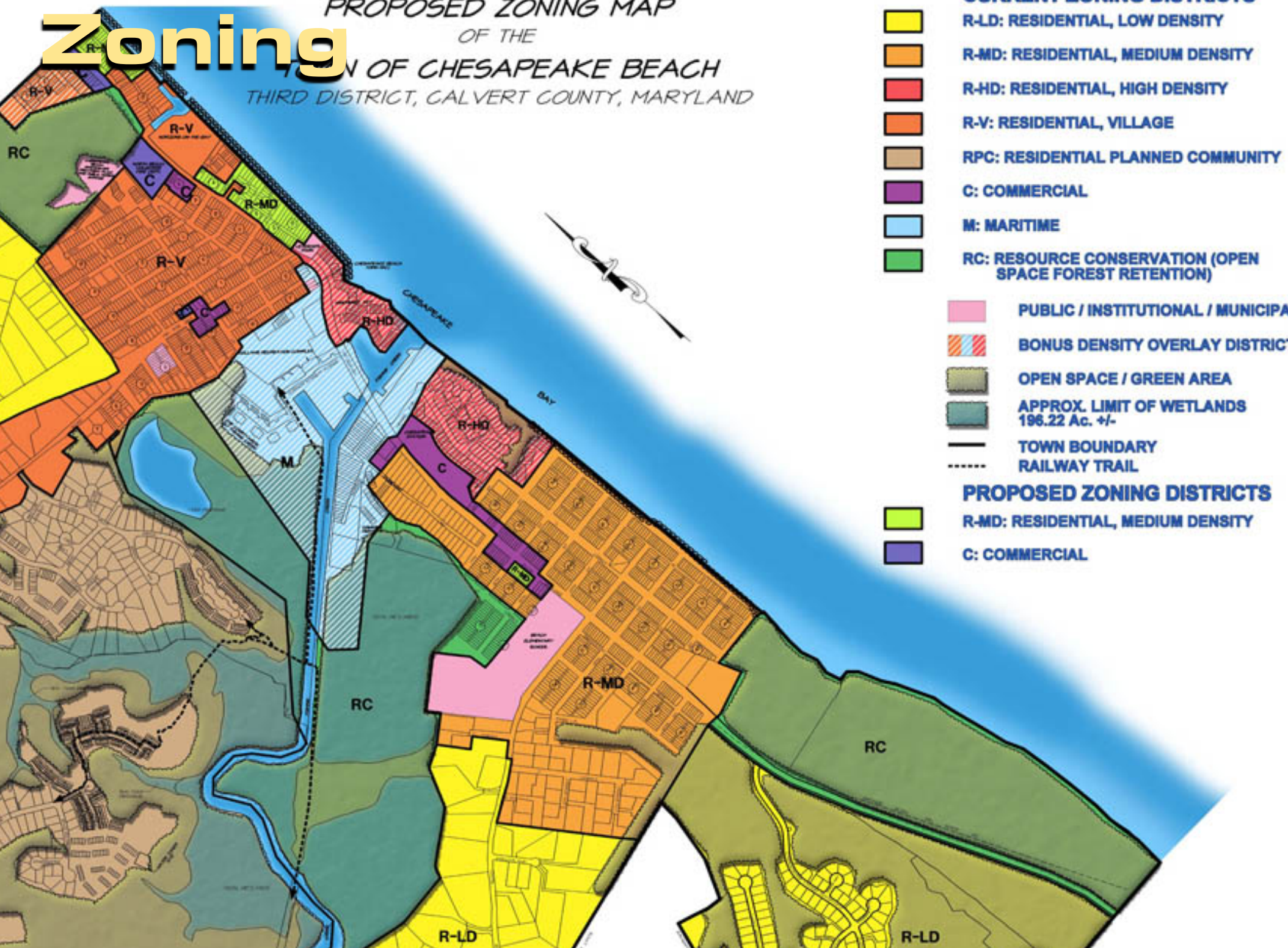
Education

Navigation

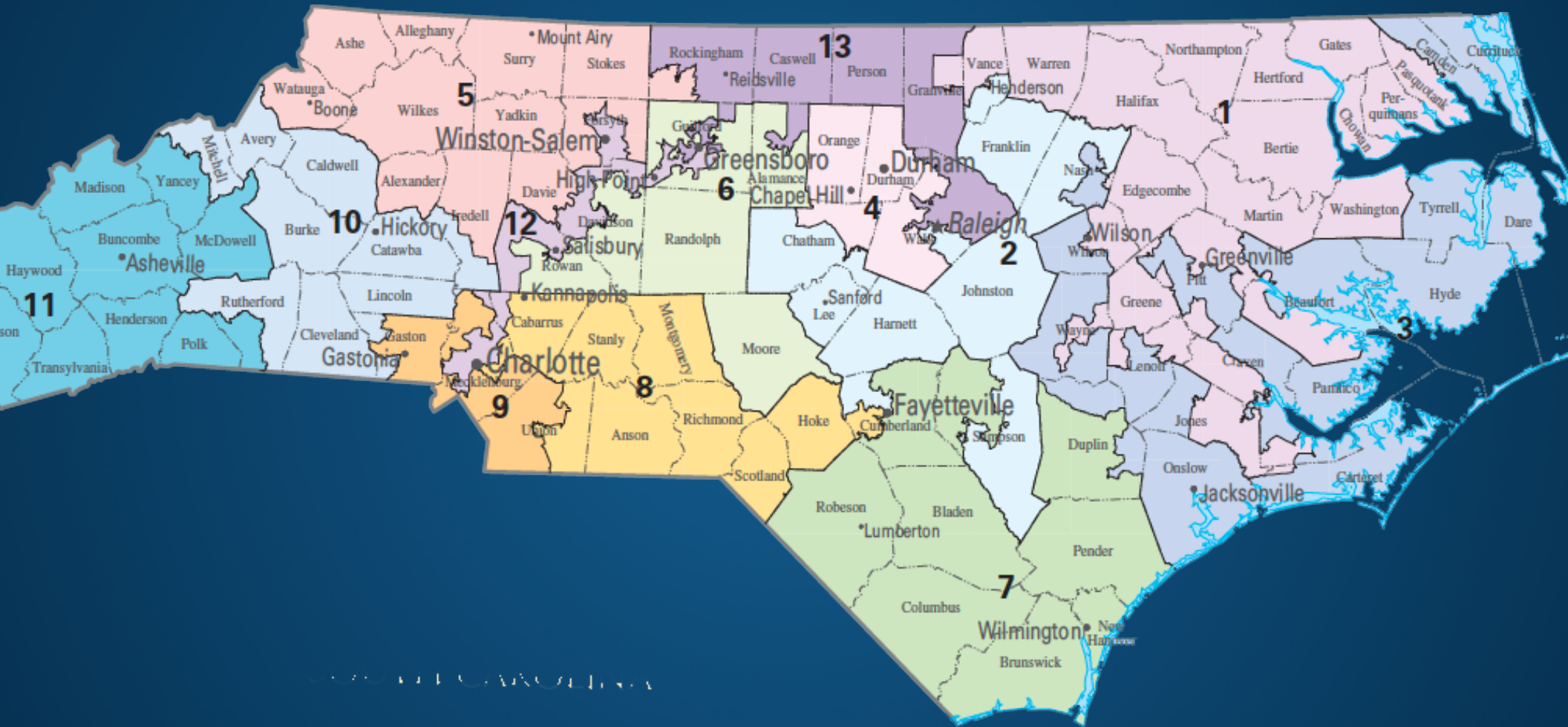


Zoning

PROPOSED ZONING MAP OF THE TOWN OF CHESAPEAKE BEACH THIRD DISTRICT, CALVERT COUNTY, MARYLAND



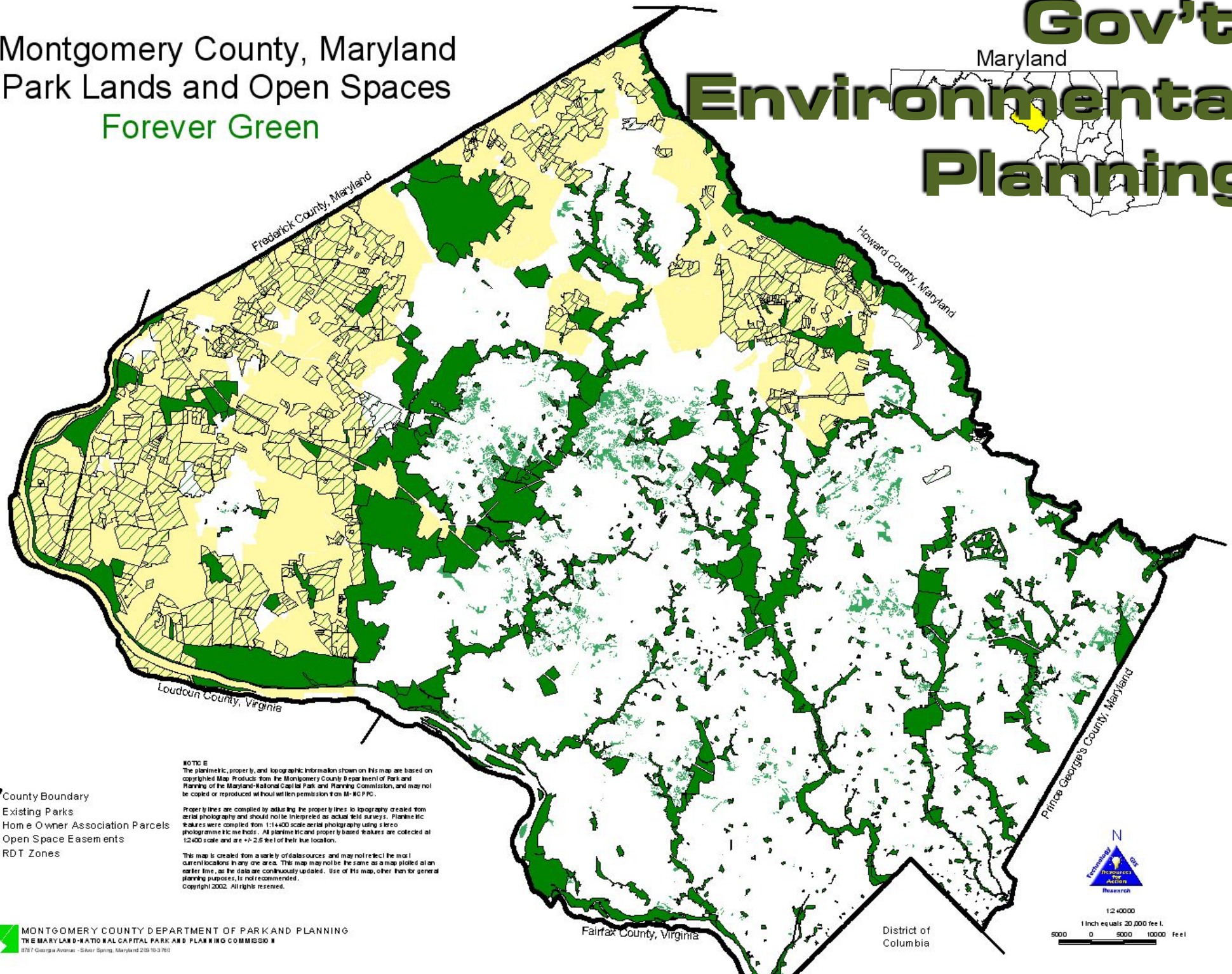
Gov't: Voting Districts



Montgomery County, Maryland Park Lands and Open Spaces

Forever Green

Gov't: Environmental Planning



NOTE
The planimetric, property, and topographic information shown on this map are based on copyrighted Map Products from the Montgomery County Department of Park and Planning of the Maryland-National Capital Park and Planning Commission, and may not be copied or reproduced without written permission from M-NCP&P.

Property lines are compiled by adjusting the property lines to topography created from aerial photography and should not be interpreted as actual field surveys. Planimetric features were compiled from 1:14,400 scale aerial photography using stereo photogrammetric methods. All planimetric and property based features are collected at 12,400 scale and are +/- 2.5 feet of their true location.

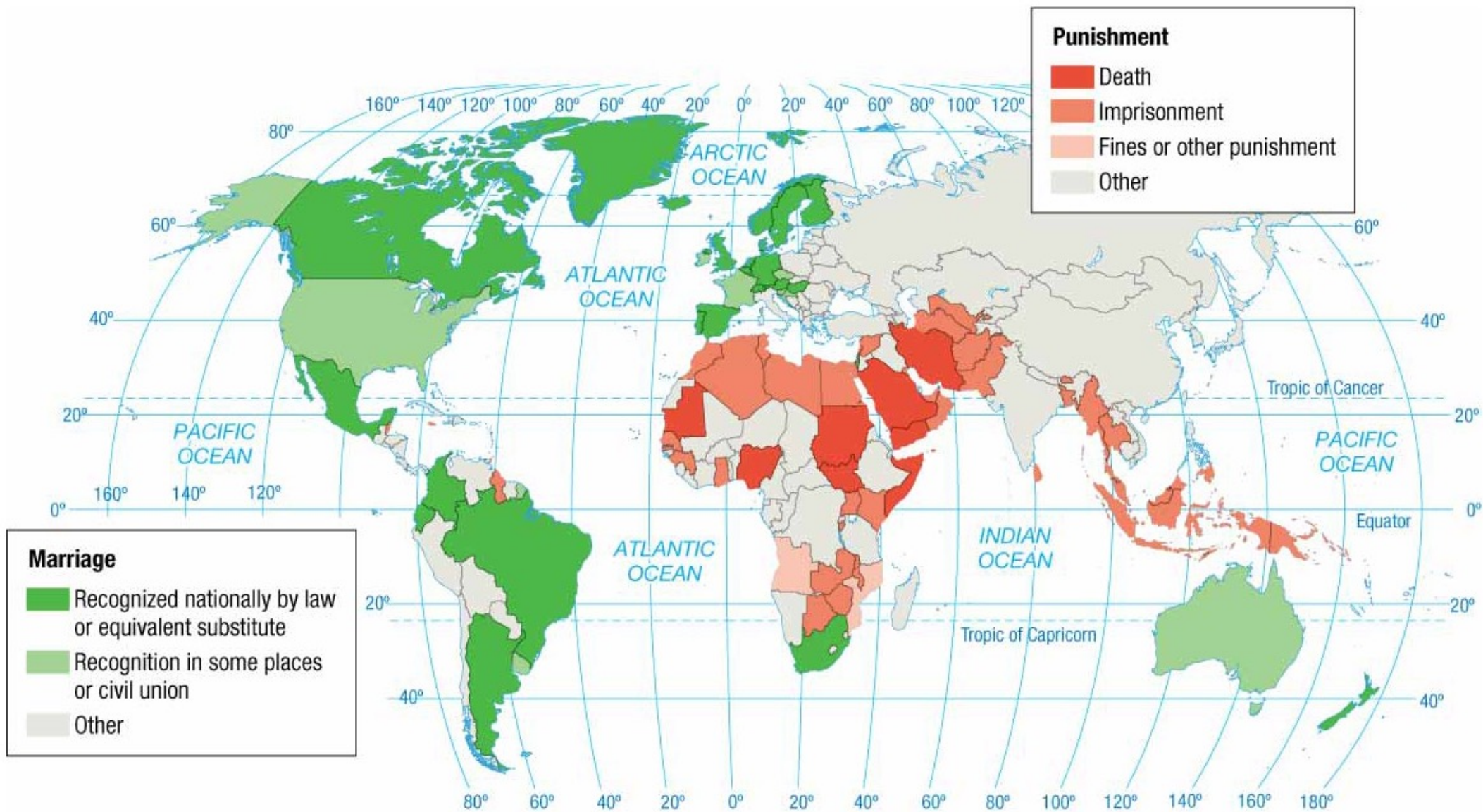
This map is created from a variety of data sources and may not reflect the most current locations in any one area. This map may not be the same as a map plotted at an earlier time, as the data are continuously updated. Use of this map, other than for general planning purposes, is not recommended.
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- County Boundary
- Existing Parks
- Home Owner Association Parcels
- Open Space Easements
- RDT Zones

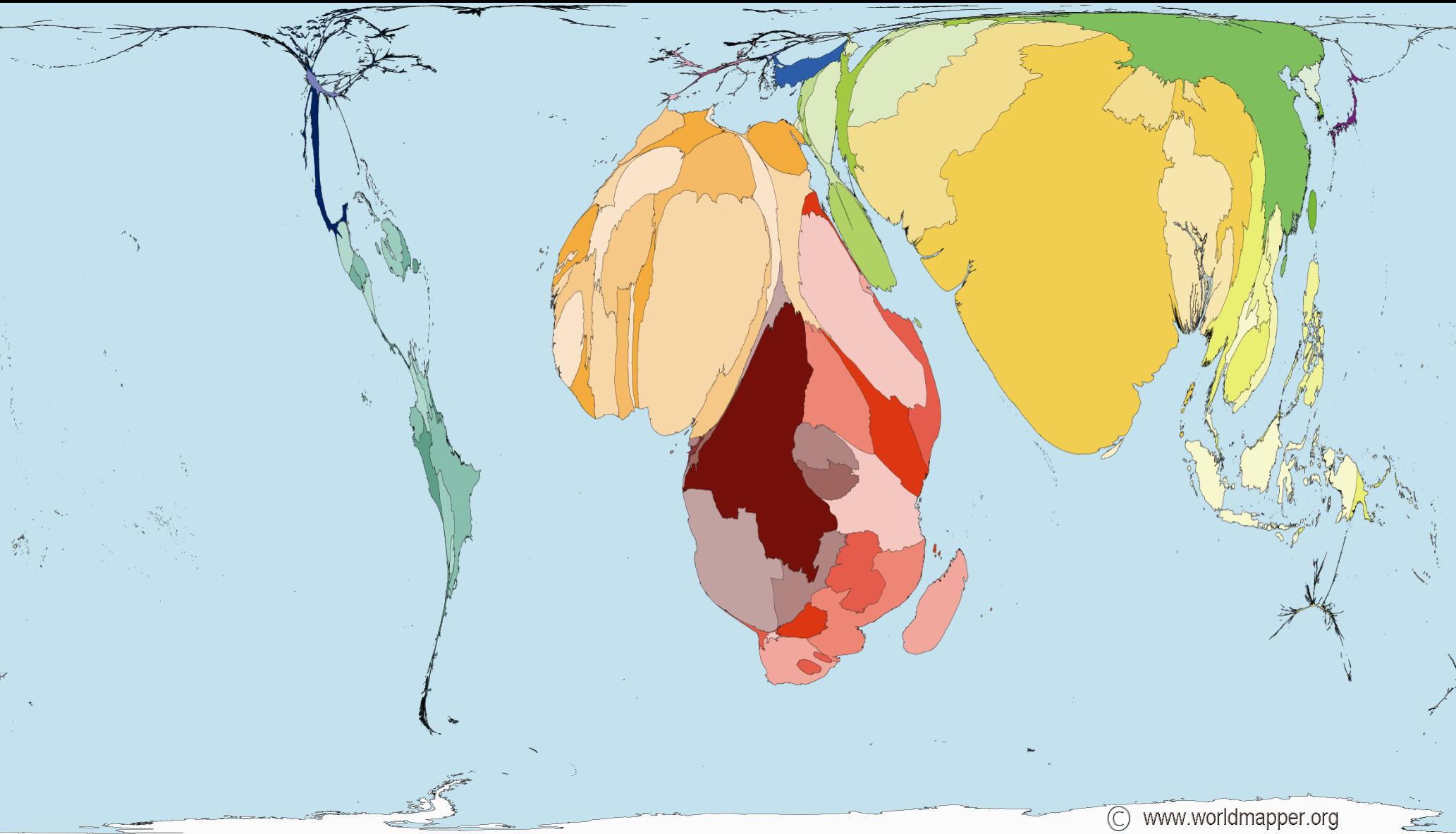
Game

Name that Map!

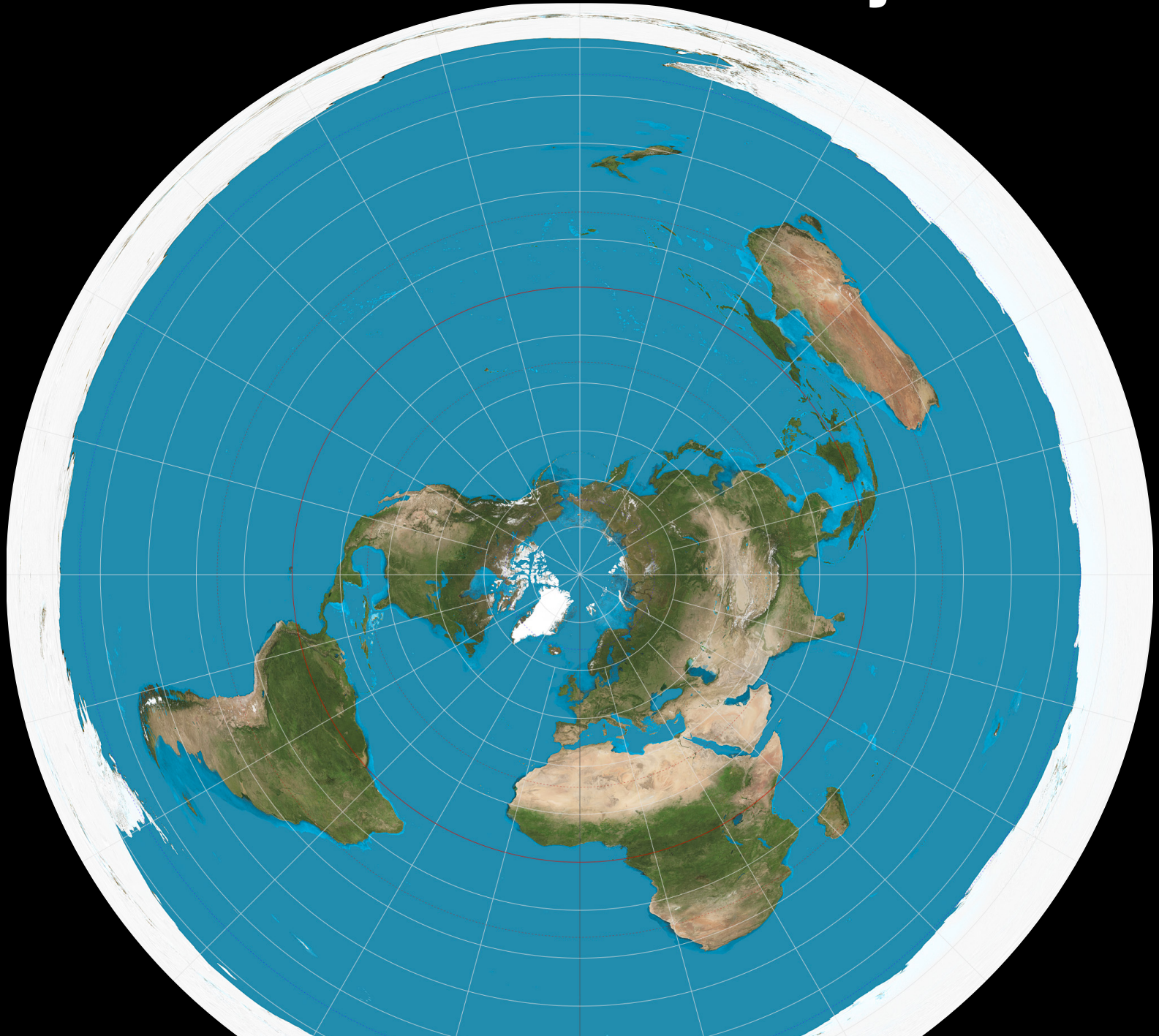
Choropleth



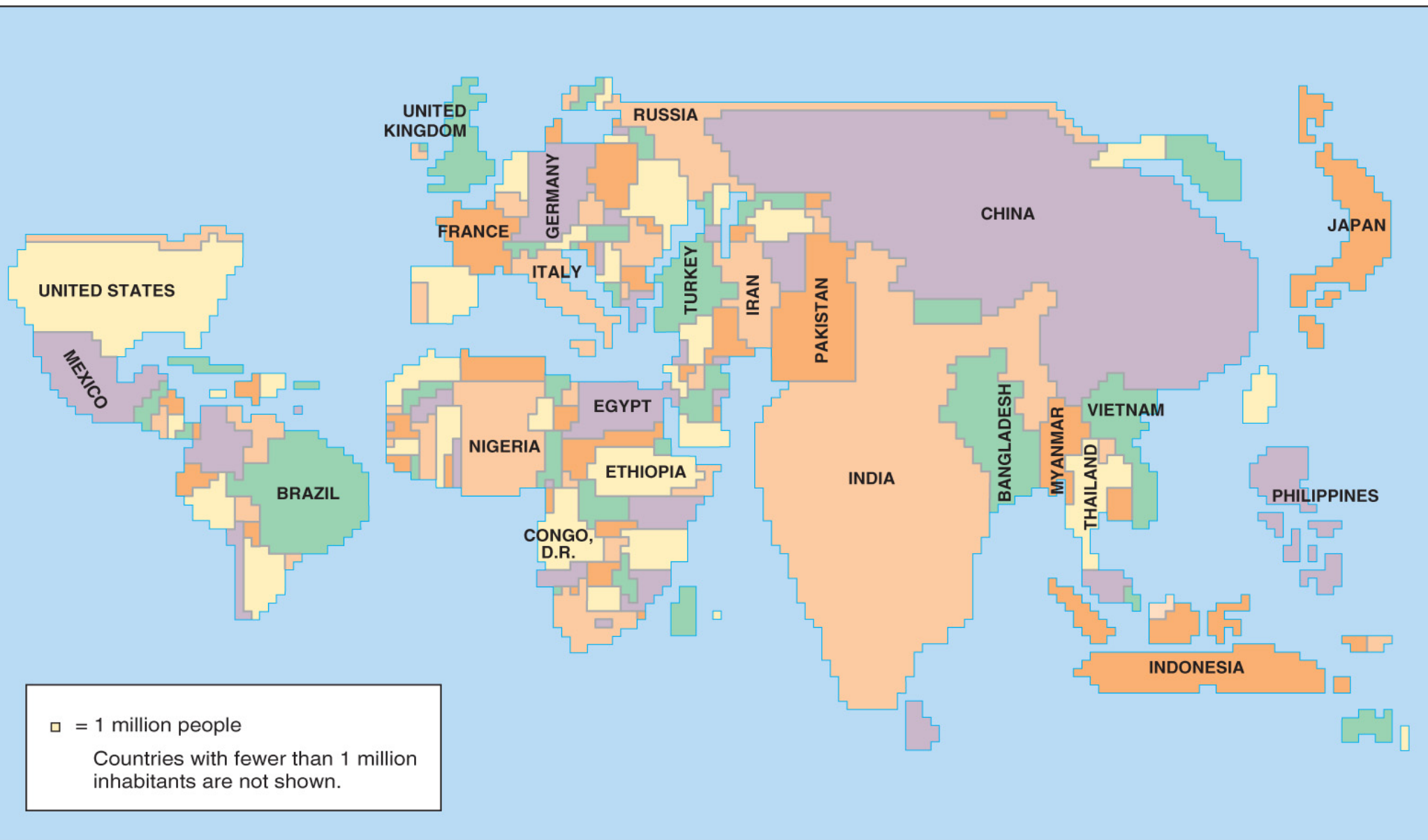
Cartogram: Deaths from Diarrhea



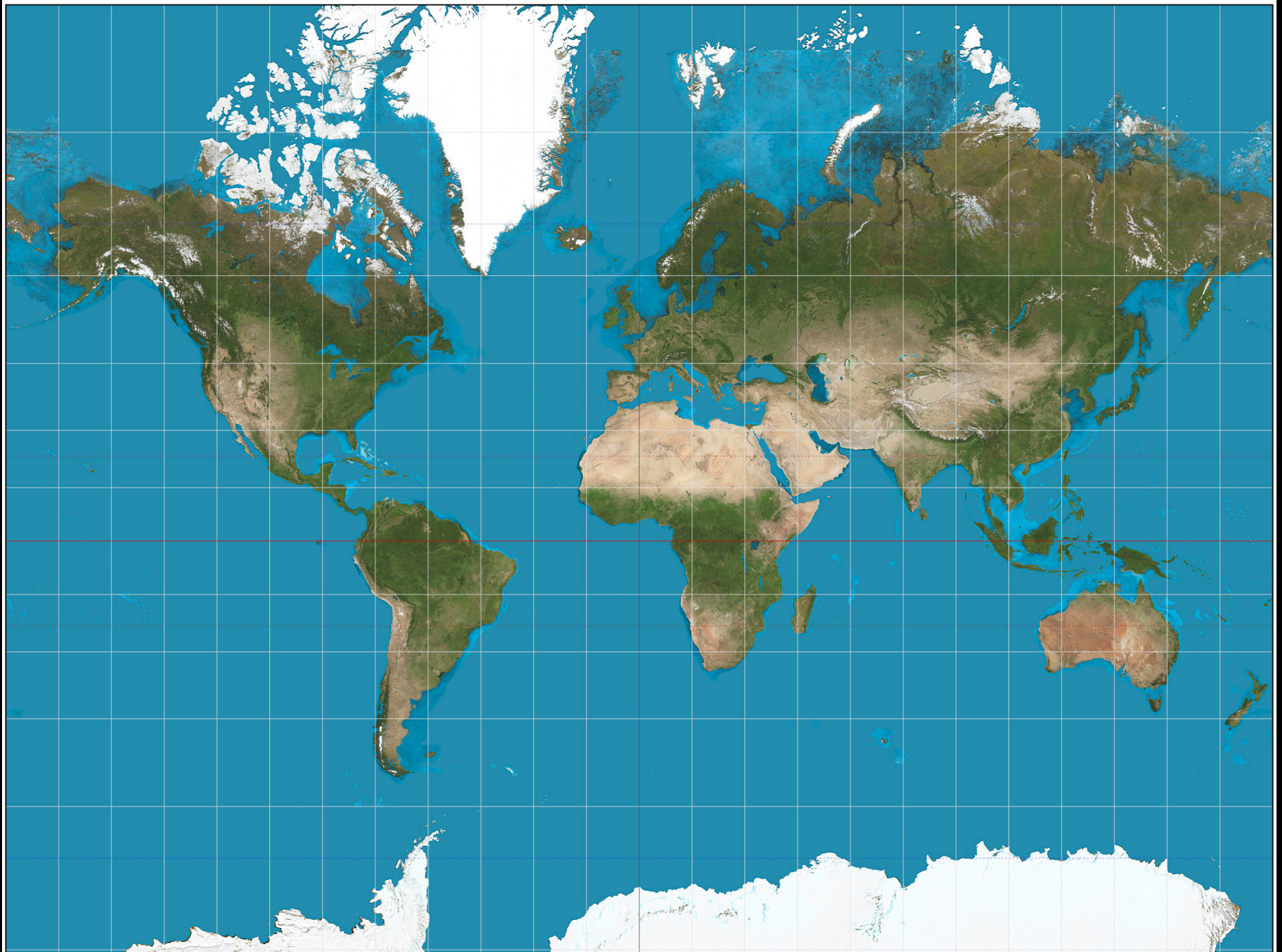
Polar/Azimuthal Projection



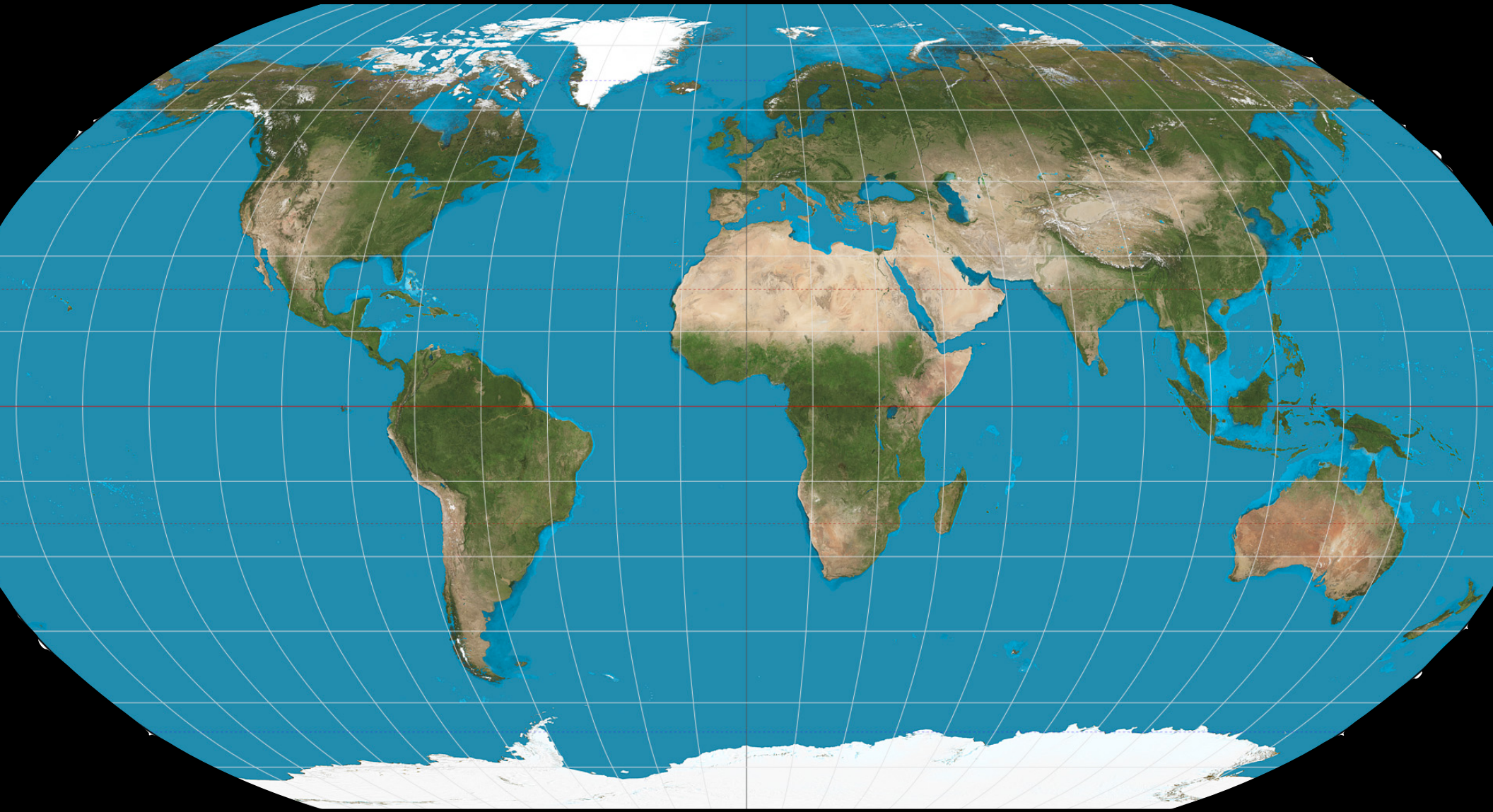
Cartogram



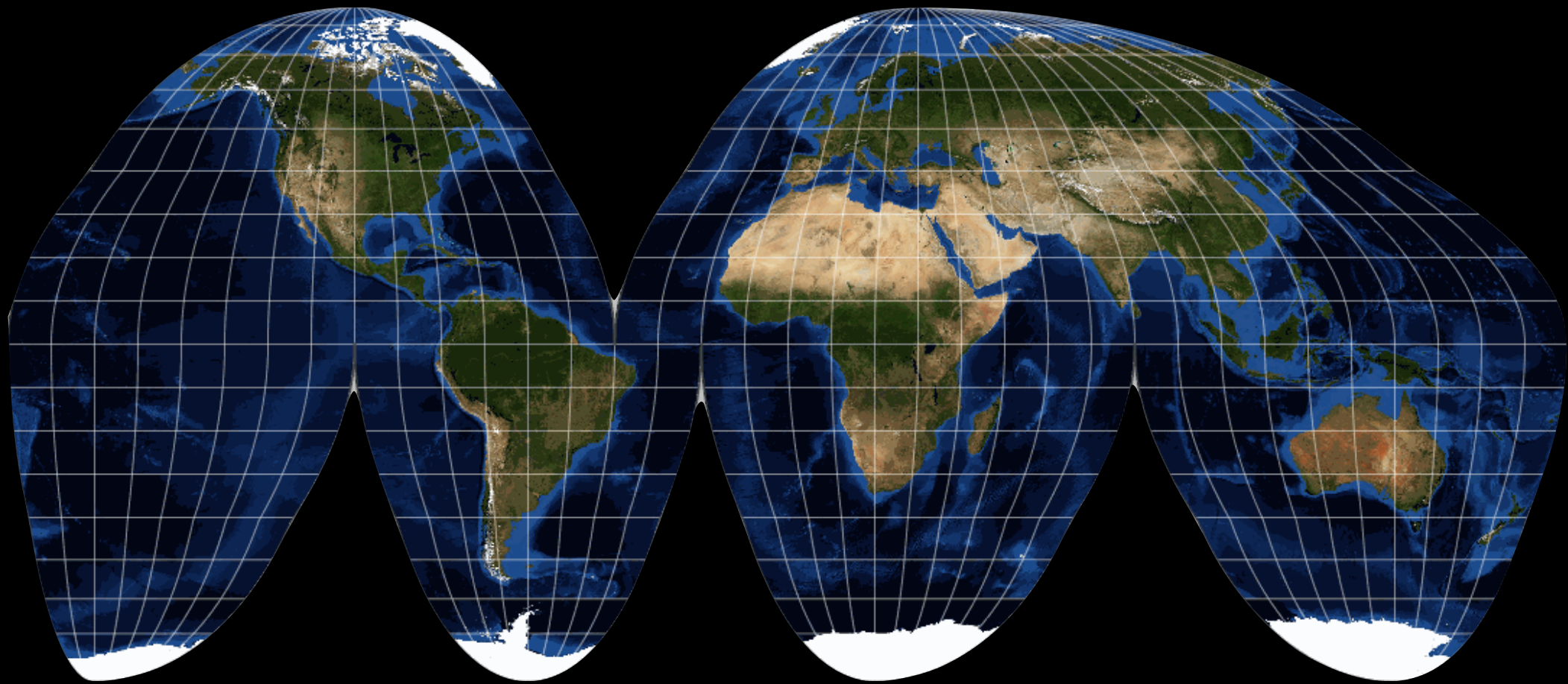
Mercator Projection



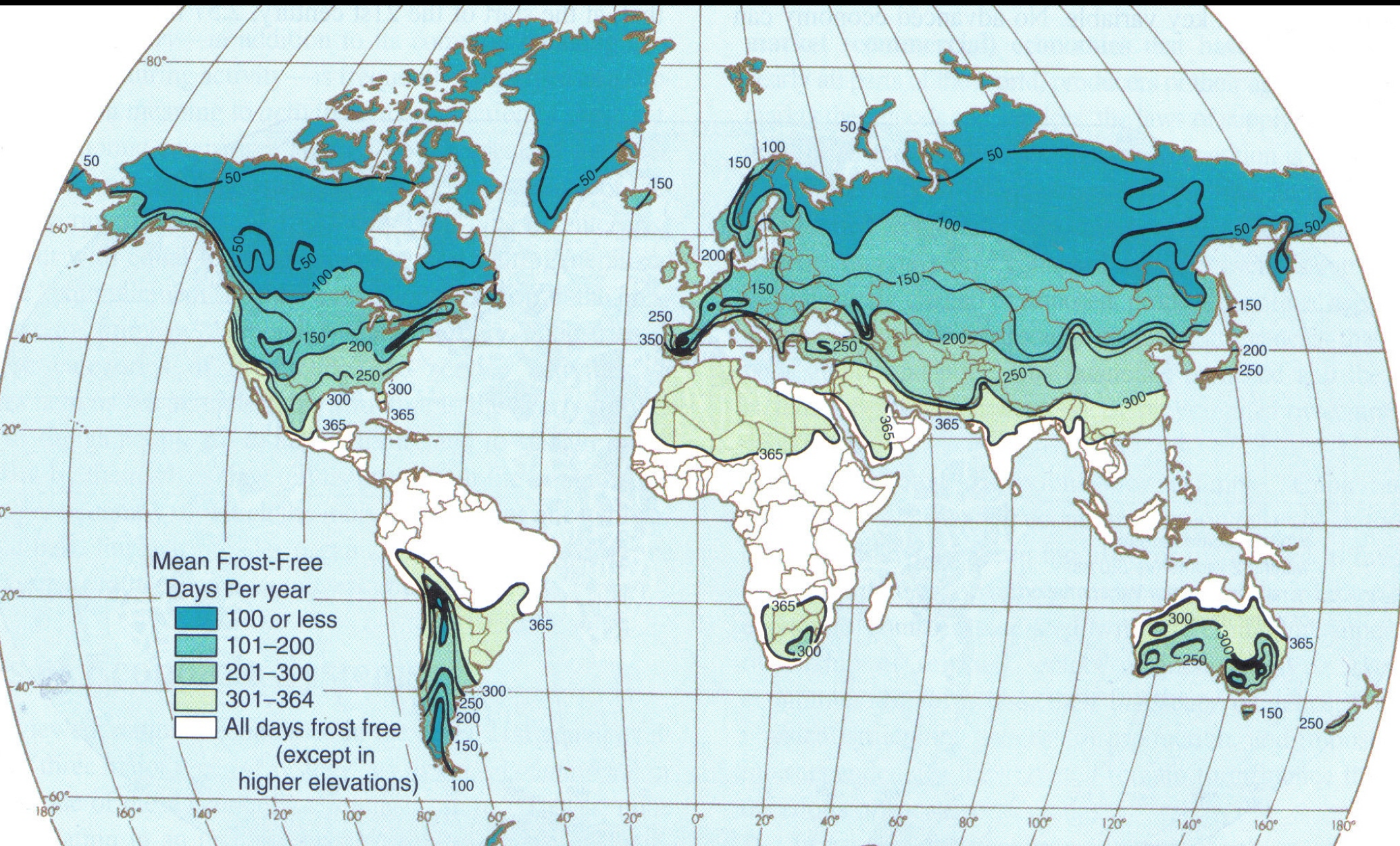
Robinson Projection



Interrupted Projection



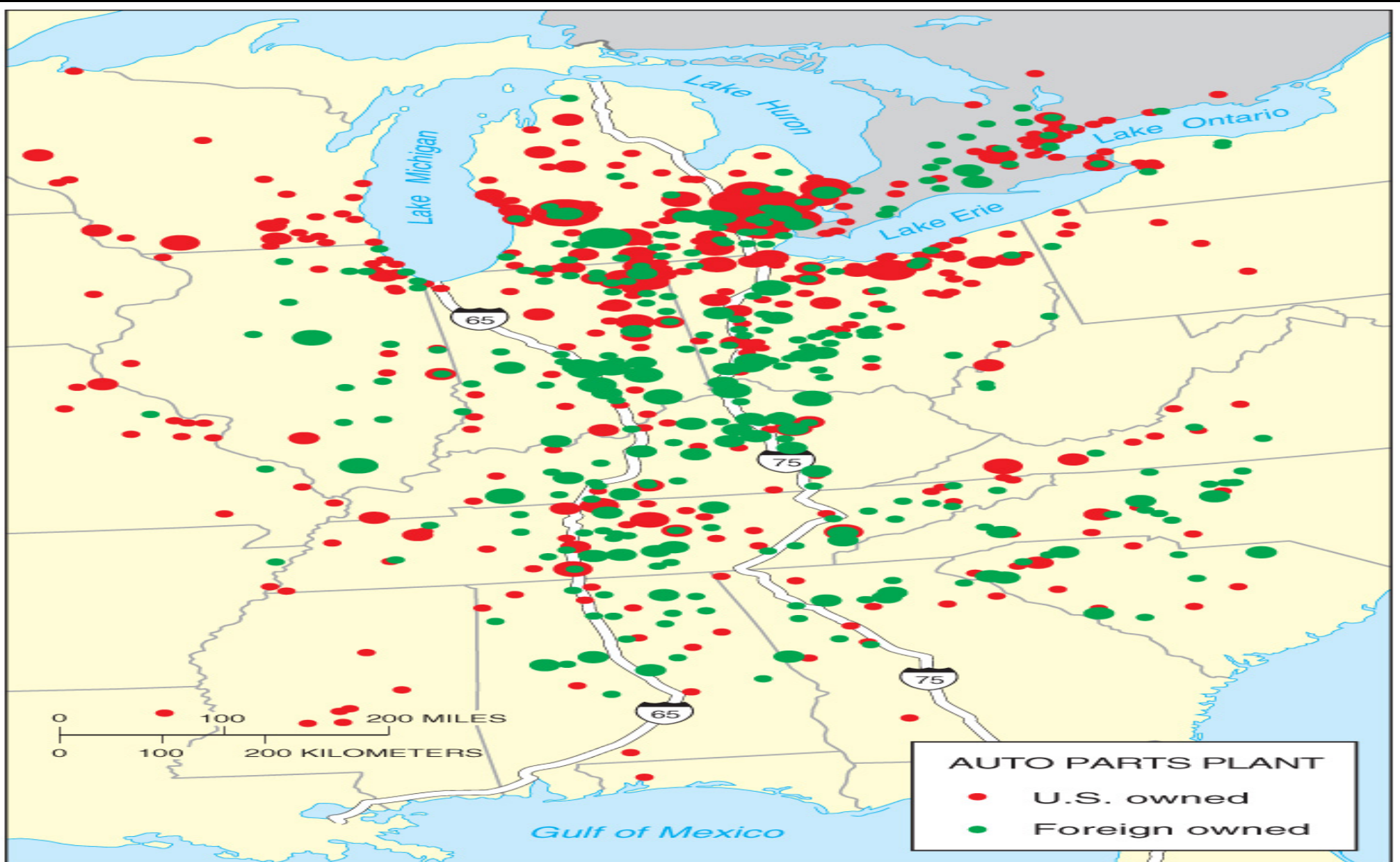
Isoline



Dot Map



Proportional Symbol



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