

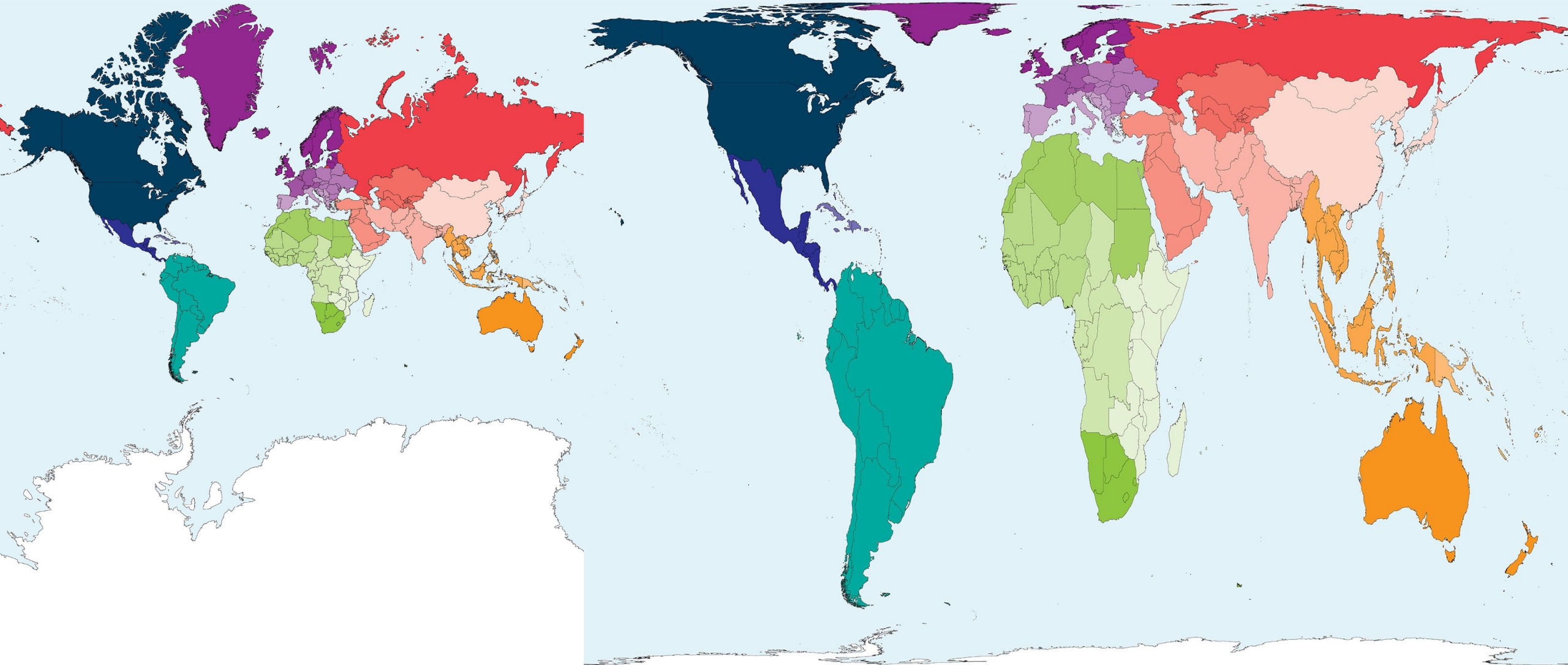


Creating an Atlas of the Anthropocene

Benjamin Hennig

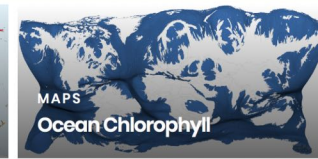
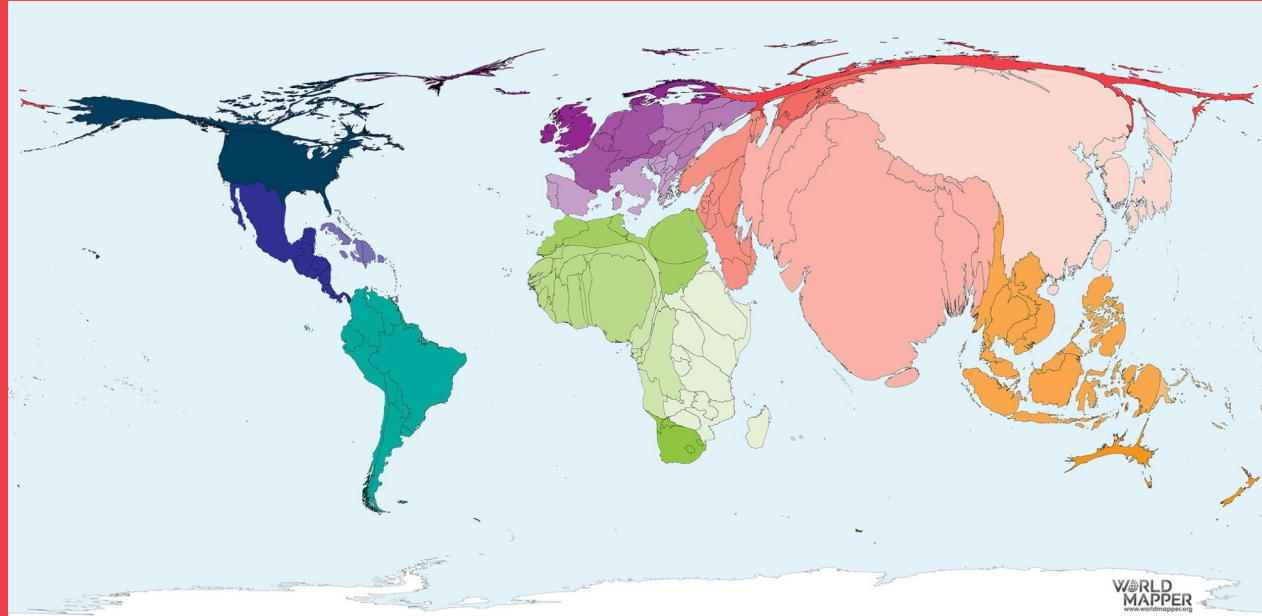
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From Mercator to Peters



(...but still only) Choropleth **Maps**





Cartograms

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Cartograms, also referred to as diagrammatic maps, value-by-area maps, or anamorphated maps, are cartographic depictions with a variable scale that is determined through a quantitative variable of interest. While all map projections contain distortion, cartograms deliberately distort physical space in order to give other data its respective prominence in the map image. In a cartogram, the area of interest is proportional according to the quantitative data that describe its main theme. It can therefore also be understood as a cartographic version of a pie chart, with comparable rules for its construction, meaning that only absolute data or total numbers must be used when creating a cartogram. Using relative

values for a cartogram results in misleading and erroneous representations of the underlying data. Data should also be as complete as possible because missing values would result in those areas disappearing from the cartogram, giving the impression of a very low data value of the topic of interest.

A population cartogram of the world shows the countries of the world resized according to their total populations, so that a contemporary population cartogram gives China and India the most prominence, while countries that are larger in physical size but smaller in their populations, such as Russia and Canada, appear proportionally smaller (Figure 1).

History

Originally, the term cartogram was broadly used for maps showing statistical symbols or statistical

the world as you've never seen it before

Search for a map: Go

Home | Map Categories | Thumbnail Index | A-Z Map Index | About Worldmapper | Help

Worldmapper was founded 2008 at the University of Sheffield as a collaborative effort on creating a large world maps (called cartograms), where territories are re-sized on each map according to the subject of interest. This website is the archive of the original project website with nearly 700 of our first maps. Maps 1-2008 are also available as PDF posters. Use the menu above to find a map of interest. Worldmapper also feature a series of population maps using a novel gridded cartogram approach: Worldmapper Population Atlas. If you are interested in more background on map projections, read the short introductions about Worldmapper and map projections and gridded cartograms as a map projection.

Looking for new and updated maps? This is the Worldmapper archive! For the main website, go to Worldmapper.org

Reference maps ... Animations ...

Labels: Total Population, Land Area, Income (Large list), Internet Users 2000-7, Age of death (Large list), Labelled Map, World Population Atlas: Gridded Country Cartograms

A bit more about Worldmapper ...

- Use 'Map Categories' or 'Thumbnail Index' to choose a map
- A large PDF poster is provided with each map for printing
- The original Worldmapper project was realised by many people, including Mark Newman, Darryl Doring, Anna Barford, Ben Wheeler, John Pritchard, Graham Allsopp and Benjamin Hennig.

Worldmapper books:

Other Languages: Chinese, Spanish

This is the Worldmapper archive. The main website with many new and regularly updated maps can be found on Worldmapper.org

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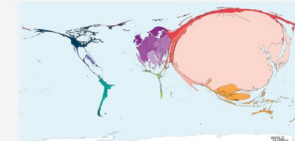
The University of Sheffield | The Leverhulme Trust | Made by members of the World of Cartography

Worldmapper

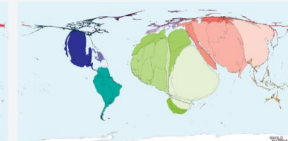
Worldmapper is a collection of world maps called cartograms, where territories are re-sized on each map according to the subject of interest. Following our relaunch in 2018 we have started to create a new series of maps which will be continuously extended and updated in the forthcoming months. All our old maps are still available in the **Worldmapper archive**.

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LATEST MAPS



Atheists



Donkeys 2016



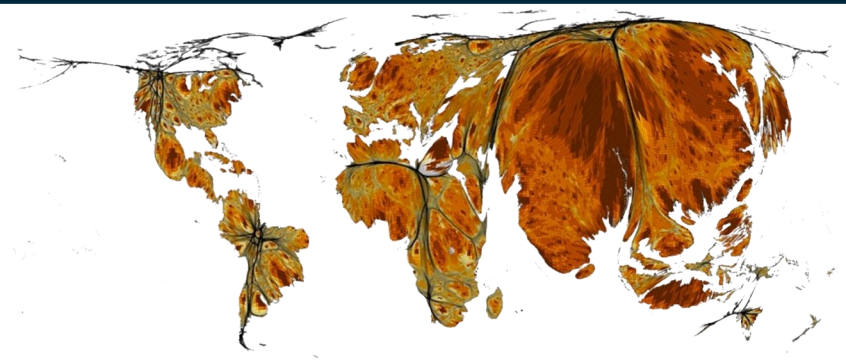
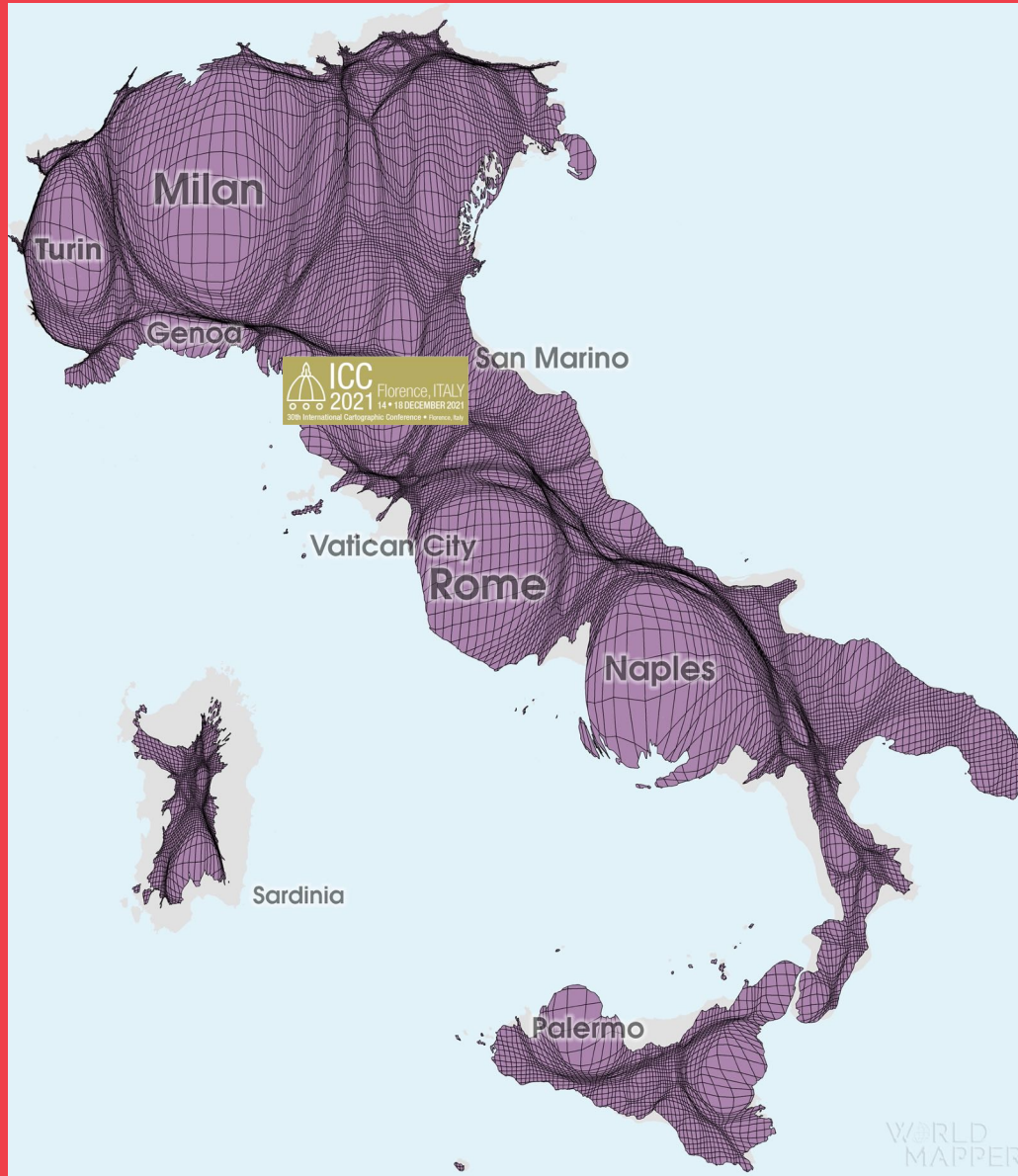
100 plus Year Olds 2015



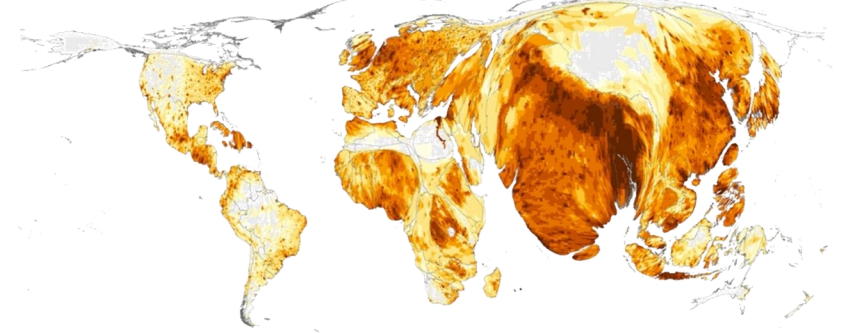
English



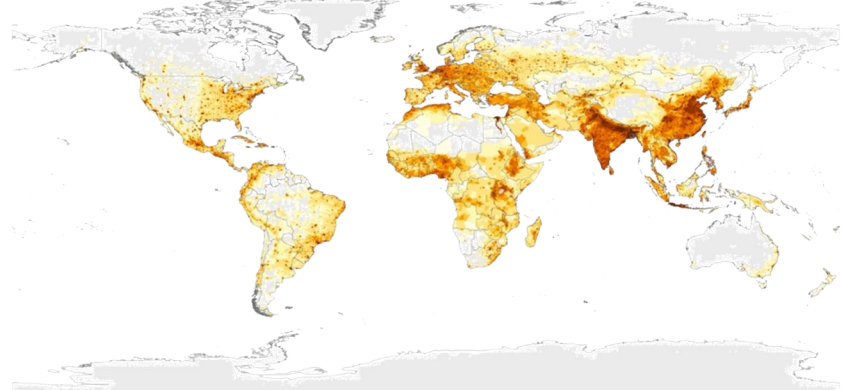
Gridded Cartograms



Gridded population cartogram



Conventional population cartogram



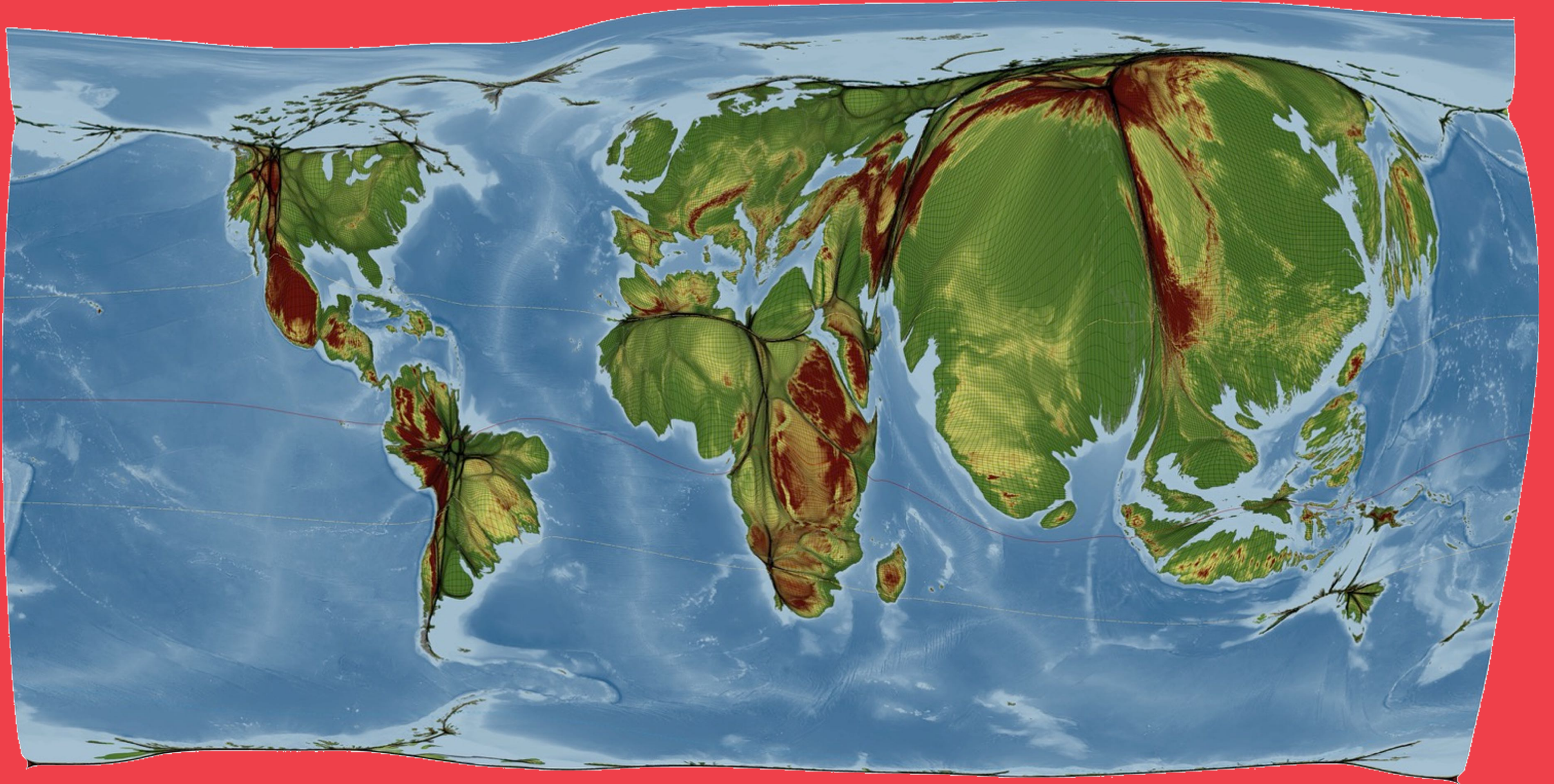
Reference map

Population Density
(people / km²)

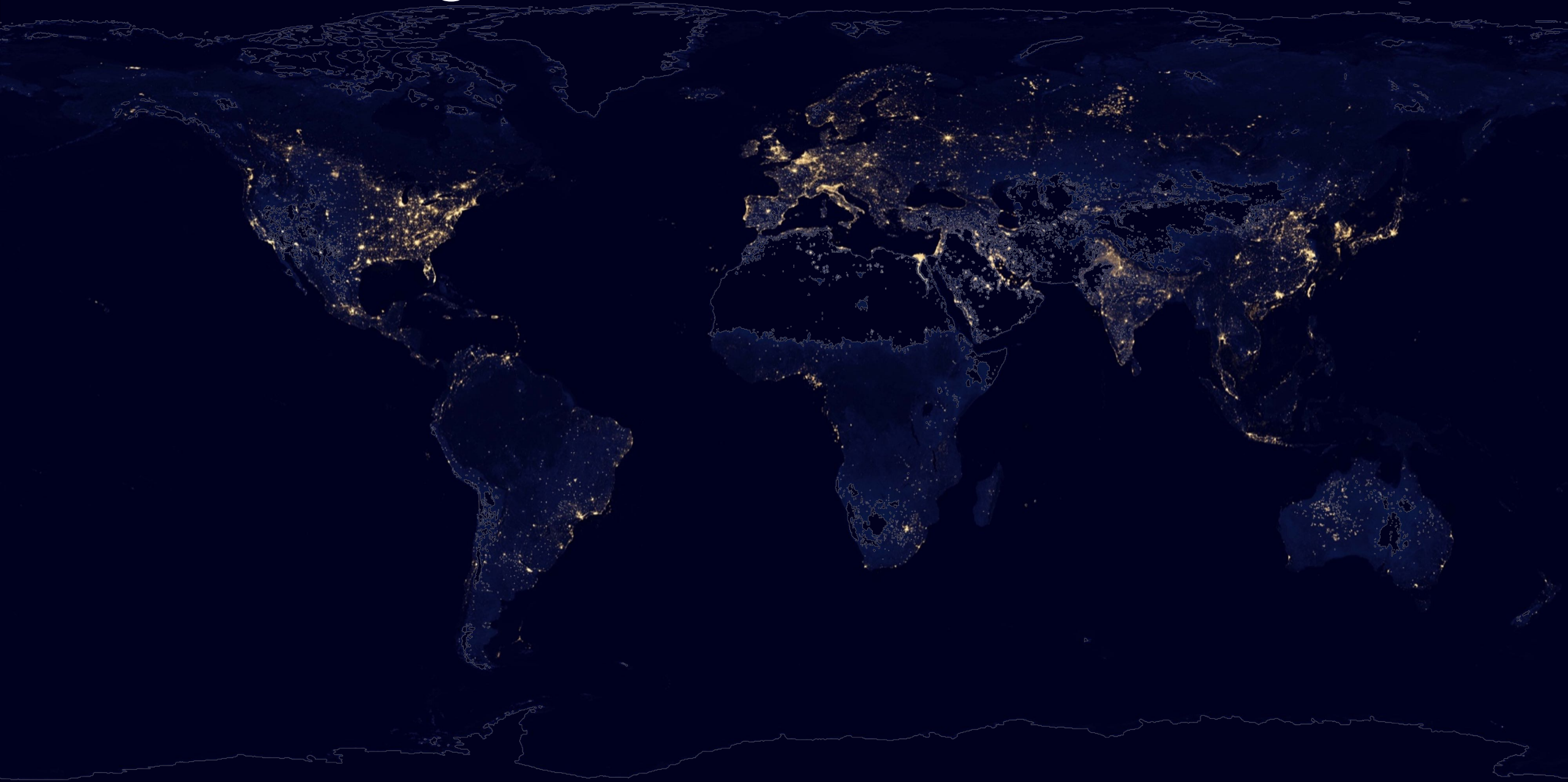
0	51-100
0.1-1	101-250
2-5	251-500
6-25	501-1000
26-50	>1000



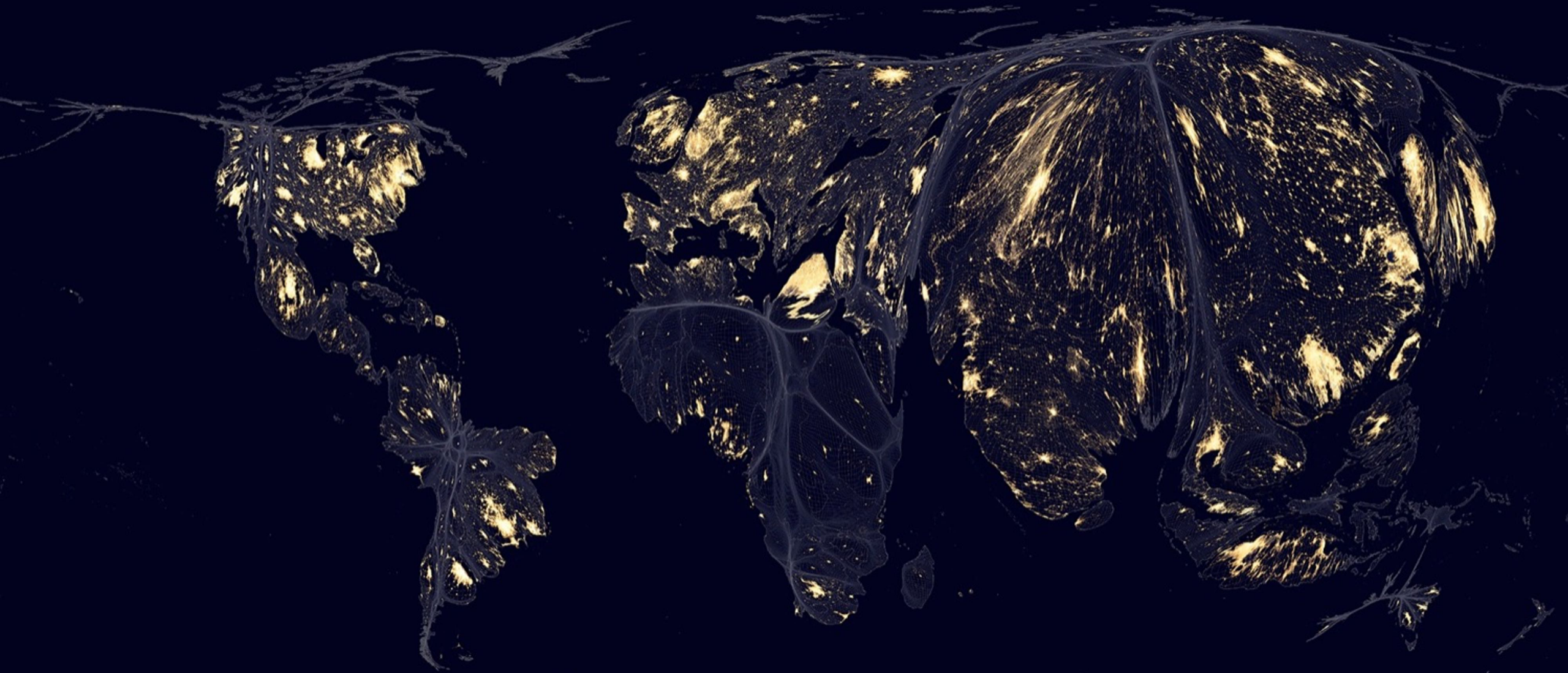
A Human Planet



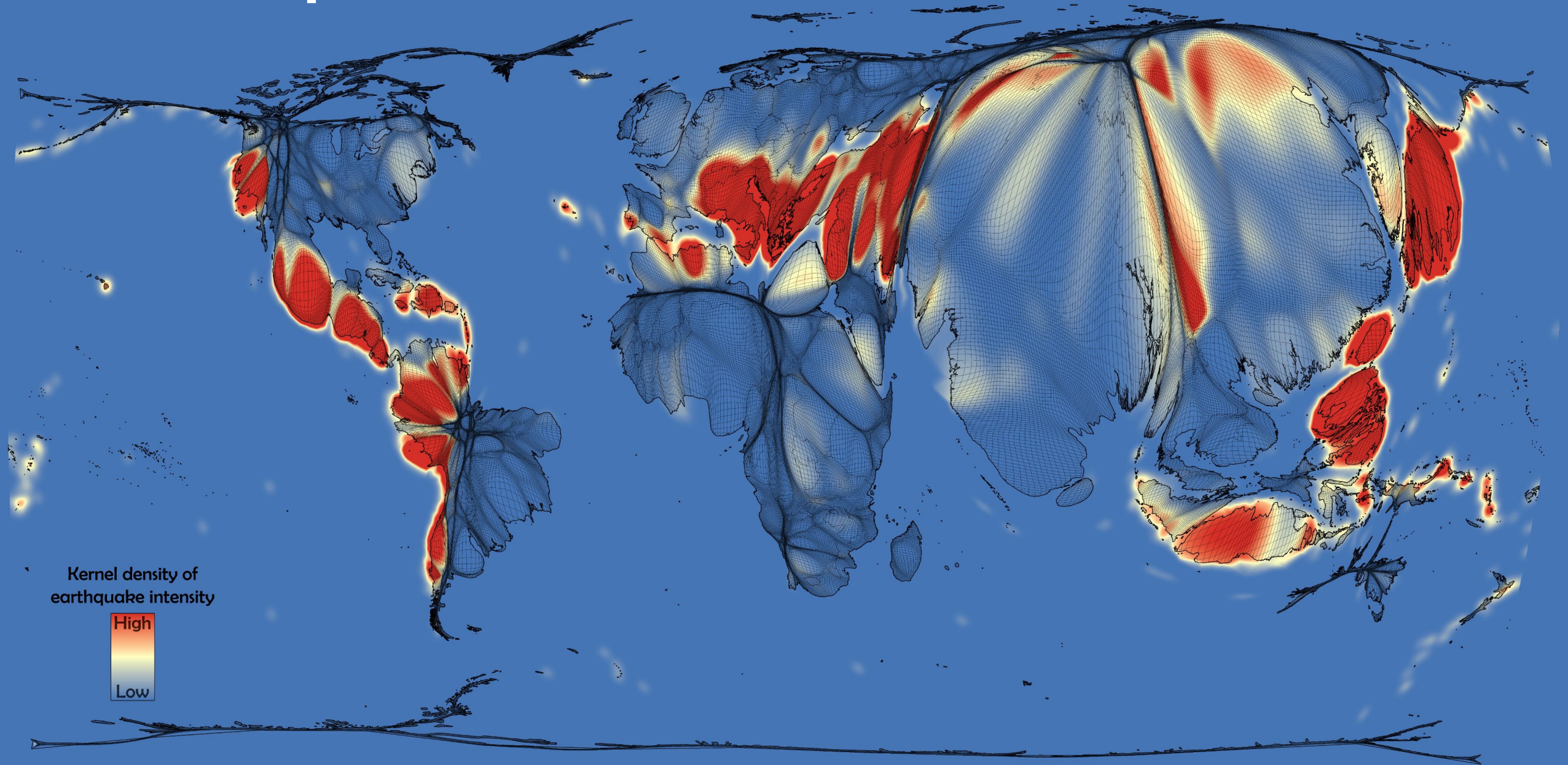
Earth at night



People at night

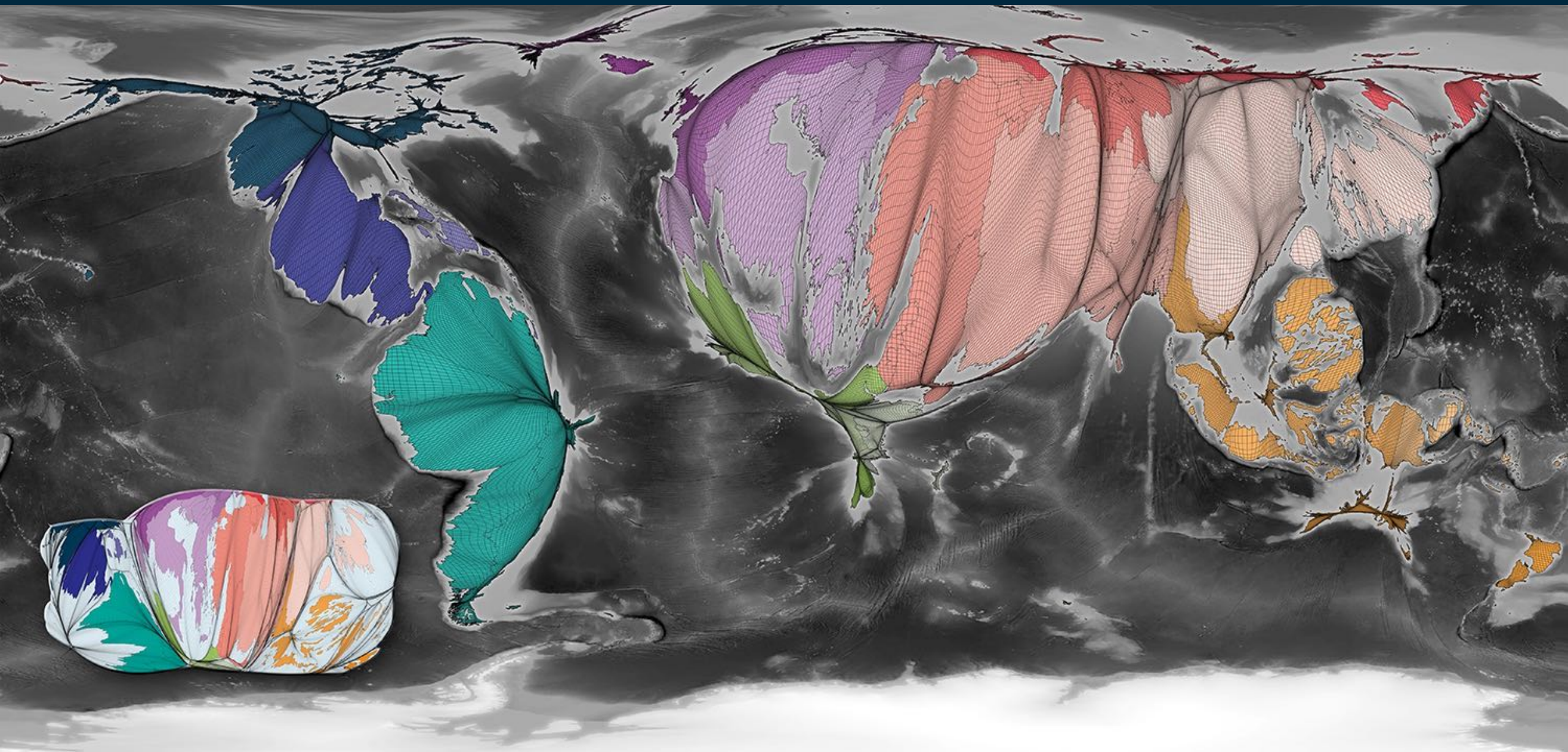


Earthquake risk



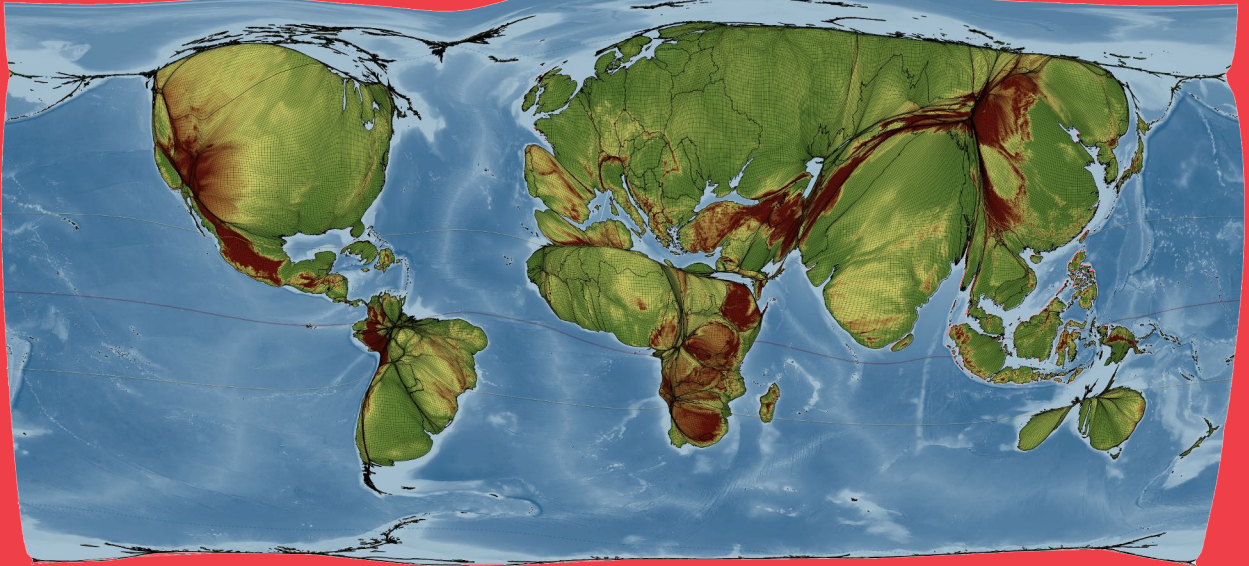
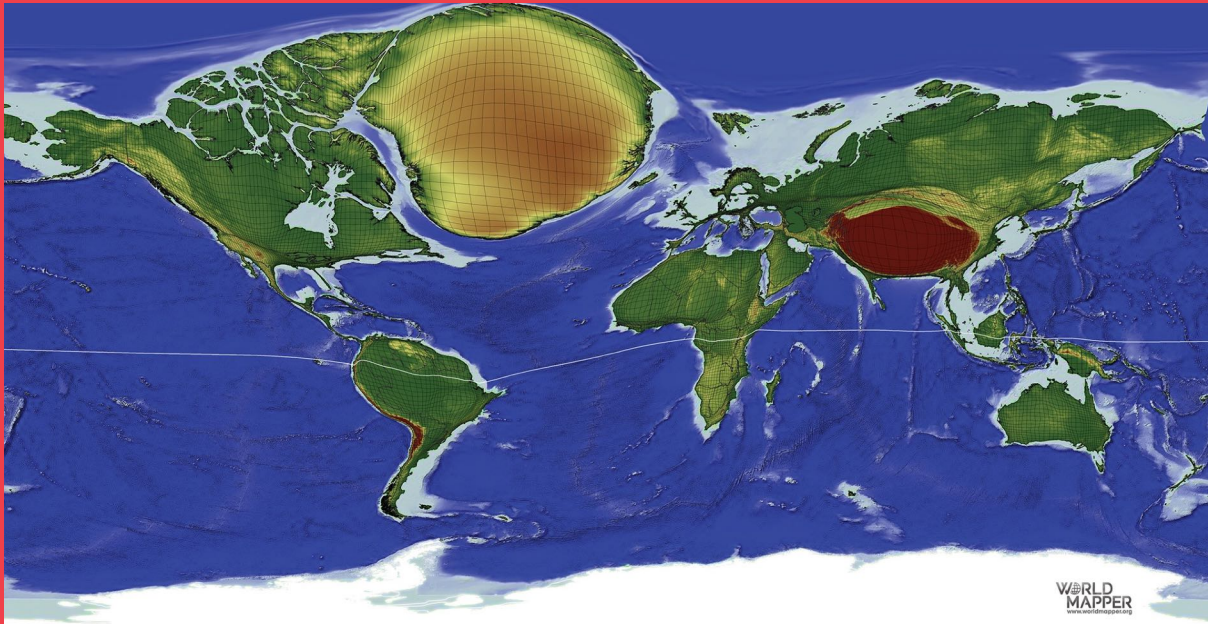
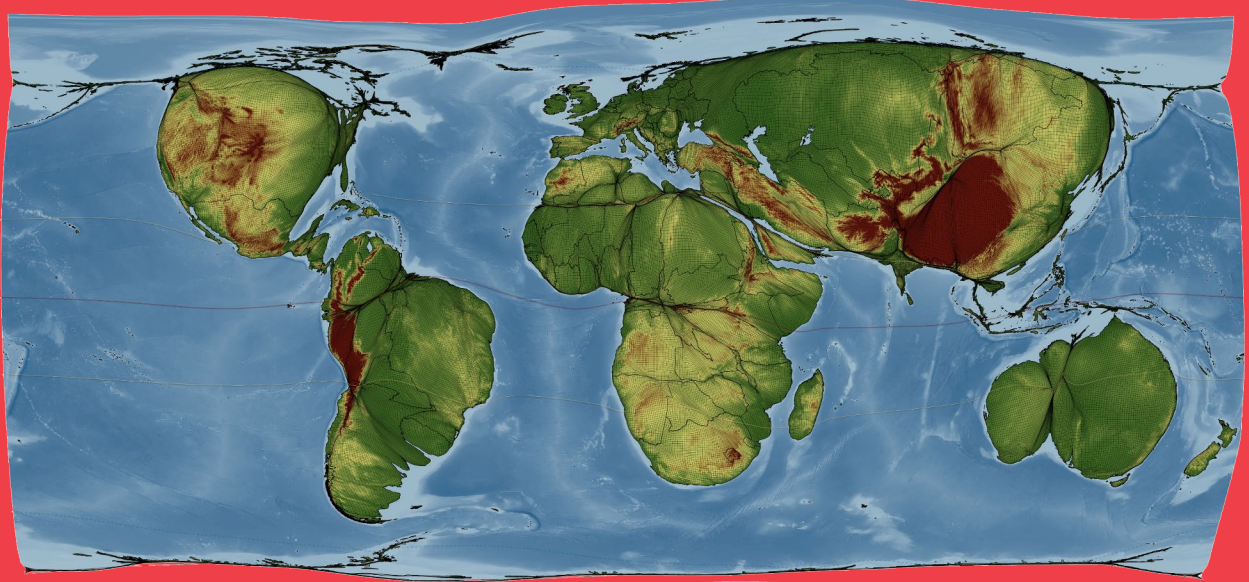
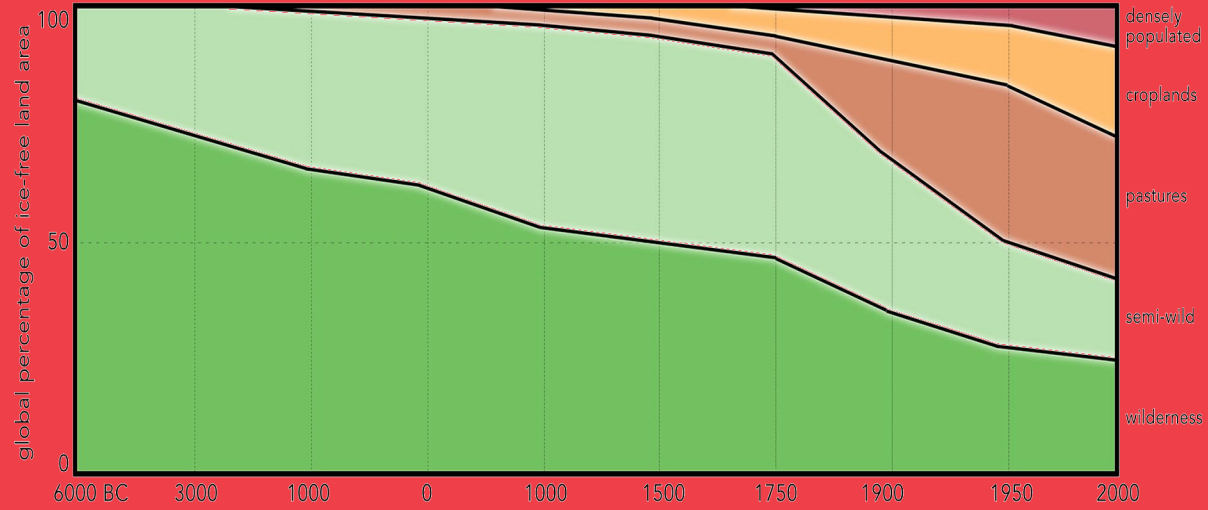


Seismic spaces





Changing spaces of the Anthropocene



Thanks for listening!

