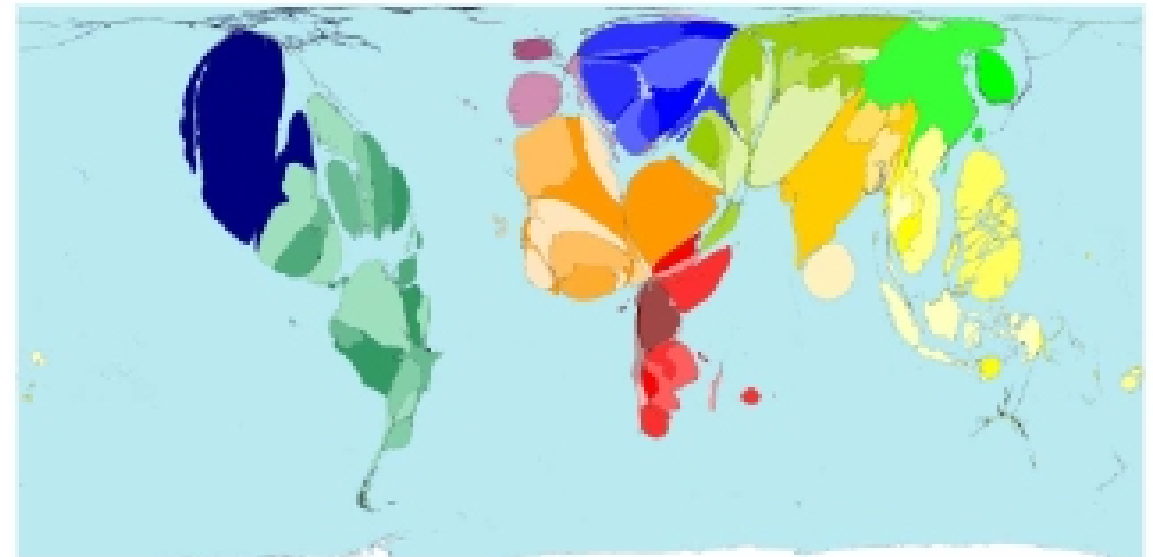


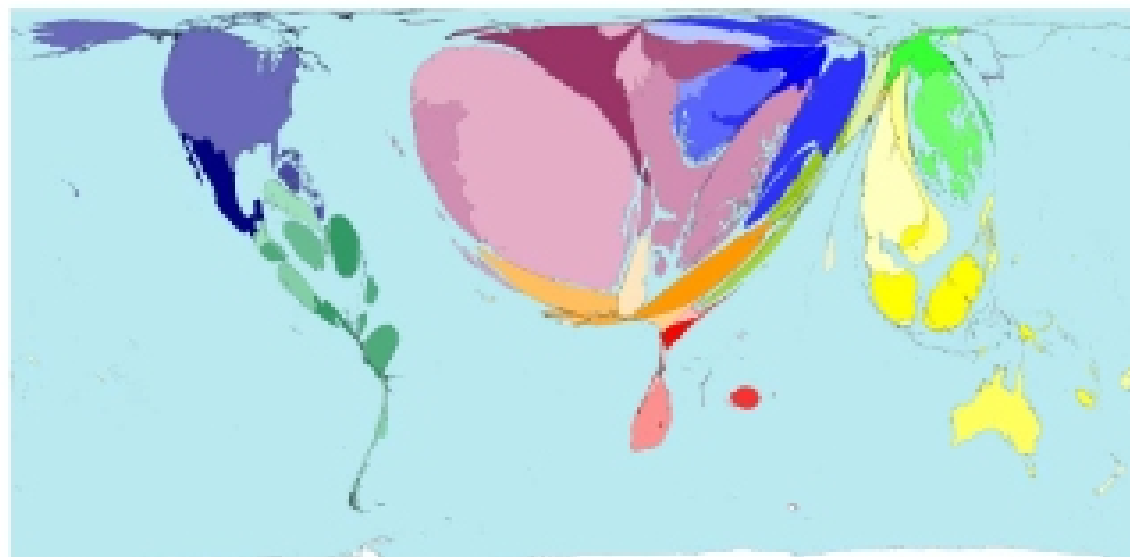
# WORLDMAPPER: the world as you've never seen it before

Danny Dorling, Anna Barford and Mark Newman  
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## Net Emigration



## Profits from tourism

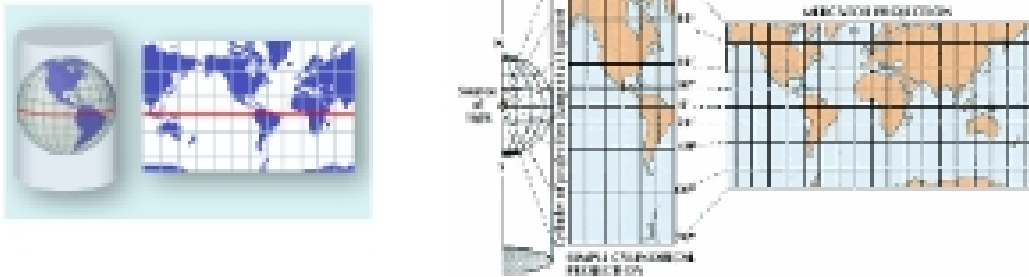


## Refugee destination



## History

- Mercator projection: preserve global angles
- Cartograms: distorted mapping



## Data

- Territory
- Population
- Land areas
- Missing data
- Refugees
- Historical estimates

## Cartogram Calculation

- Result distribution density is uniform!
- Let it flow from high to low density areas
- Diffusion-based method
  - Final size is proportional to the quantity of interest
  - Resize with minimum distortion of initial shapes
- Boundary issues (sea/ocean → mean density)
- Fourier-space

## 2000 President Election

