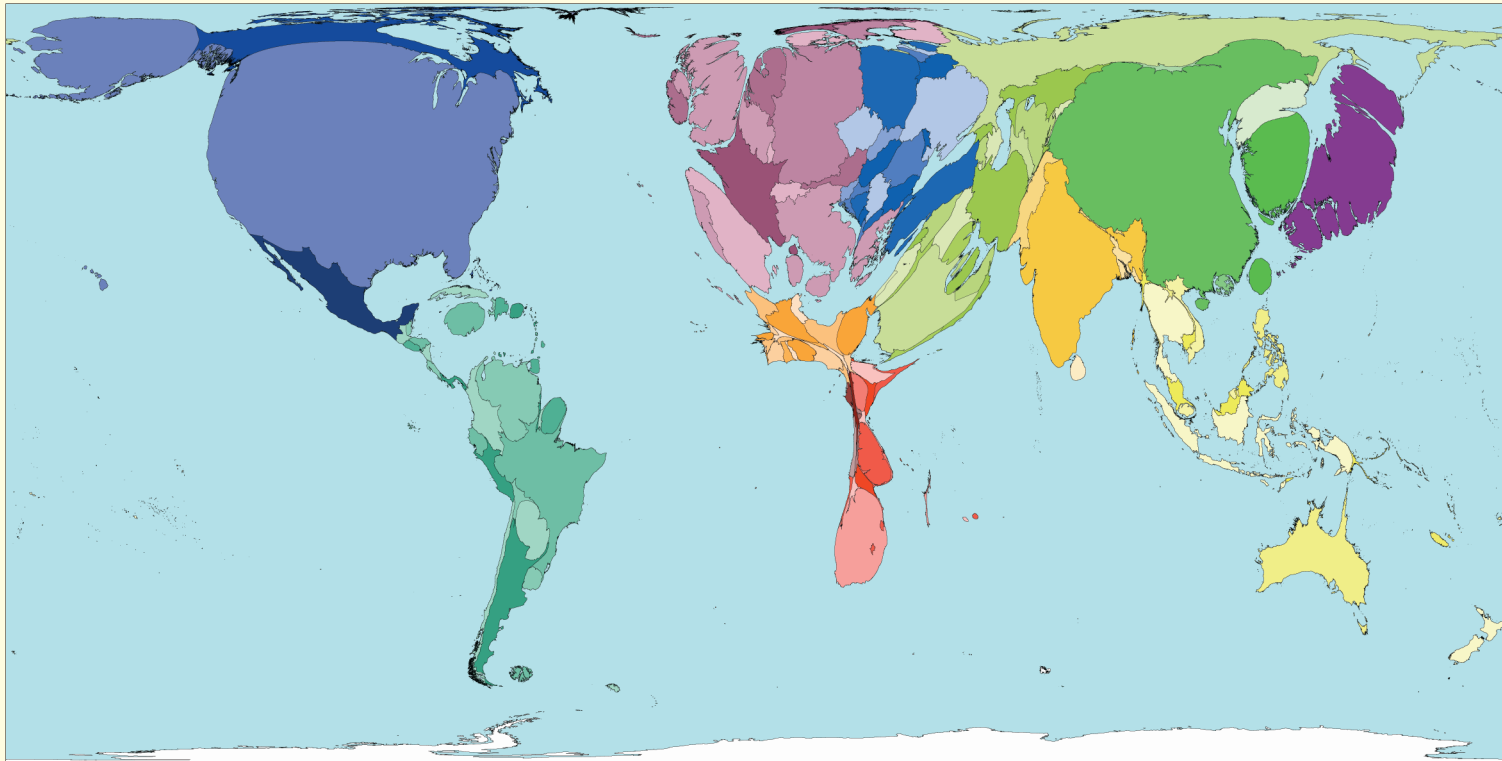


Greenhouse Gases



Greenhouse gases trap heat in the earth's atmosphere, causing it to warm up. The greenhouse gases shown here are carbon dioxide, methane and nitrous oxide. These gases account for 98% of the greenhouse effect. Other greenhouse gases, not shown here, are various fluorocarbons and sulphur hexafluoride.

The territories that emit the most greenhouse gases are the United States, China, the Russian Federation and Japan. However, the most emissions per person are in Qatar: equivalent to 86 tonnes of carbon dioxide per year. Qatar has significant oil and gas reserves, and in 2002 was populated by 600,000 people.

Territory size shows the proportion, by their global warming potential, of all greenhouse gas emissions that come from there.



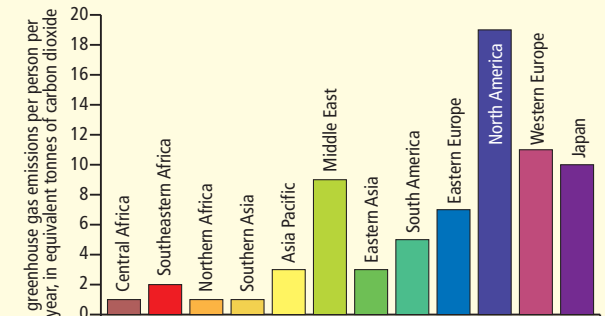
Land area

MOST AND LEAST GREENHOUSE GAS EMISSIONS

Rank	Territory	Value	Rank	Territory	Value
1	Qatar	86	191	Mozambique	0.18
2	Jamaica	45	192	Eritrea	0.18
3	Bahrain	37	193	Madagascar	0.18
4	Kuwait	27	194	United Republic Tanzania	0.18
5	Luxembourg	27	195	Liberia	0.16
6	Australia	27	196	Sierra Leone	0.12
7	Brunei Darussalam	26	197	Nepal	0.11
8	Paraguay	25	198	Afghanistan	0.05
9	United Arab Emirates	25	199	Marshall Islands	0.05
10	United States	23	200	Niue	0.00

tonnes of greenhouse gases emitted per person per year in 2002*

GREENHOUSE GAS EMISSIONS



Technical notes

- Data are from the United Nations Statistics Division, 2005.
- *Greenhouse gases measured in equivalent tonnes of carbon dioxide based on global warming potential. Niue recorded as 0 in source data.
- See website for further information.

“Now during high tides, the water comes right across the ground, where the houses are, and it never happened before ...”

Elia Tautai, 2002