Your Carbon Footprint

Climate Change

Plummeting Arctic sea ice cover

The new study revealed a linear link between emissions of CO2 and the loss of Arctic sea ice, which has shrunk by about half in the last 40 years. -Prof Dirk Notz, at the Max-Planck-Institute for Meteorology in Hamburg, Germany.

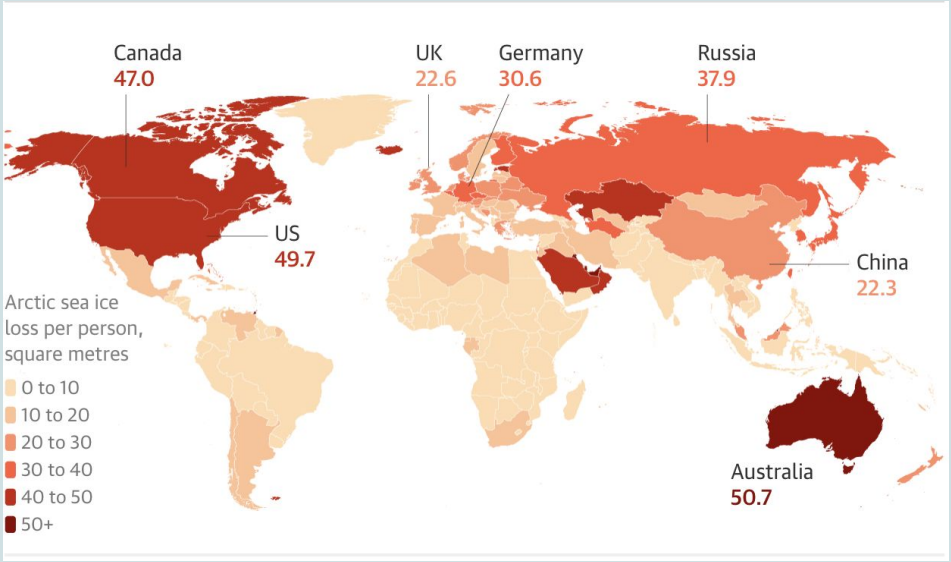
The average annual emissions of a citizen of the 35 rich nations in the Organisation for Economic Co-operation and Development (OECD) is 10 tonnes per year, resulting in the 30 sq m of ice being lost.

Citizens of the US, Canada and Australia have a higher carbon footprint - about 16 tonnes - almost 50 sq m of ice loss per year.

https://www.theguardian.com/environment/2016/nov/03/your-carbon-footprint-destroys-30-square-metres-of-arctic-sea-ice-a-year

"For each tonne of CO2 that a person emits anywhere on this planet, three square metres of Arctic summer sea ice disappears."

1 tonne: Imagine a balloon with a diameter of 10 yards (a football field) filled with CO_2, it would weigh about 1 ton.



The Arctic ice acts a refrigerator, reflecting most of the sunlight in order to keep the Arctic cool, keeping sea levels and climate in check. This ice is also home to many animals who are slowly losing their land and facing increasing hardships.