Royal Geographical Society
with IBG

Advancing geography and geographical learning

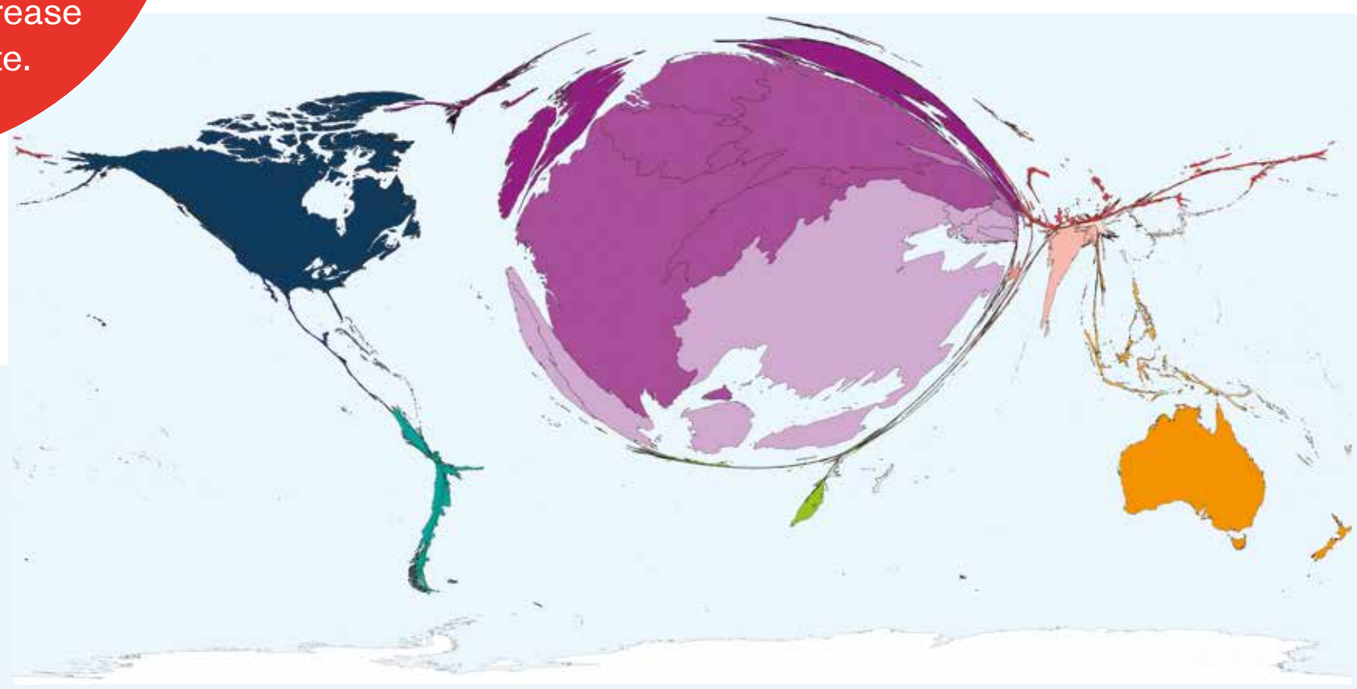
1.5°C
2030-2052

1°C
1750-2019

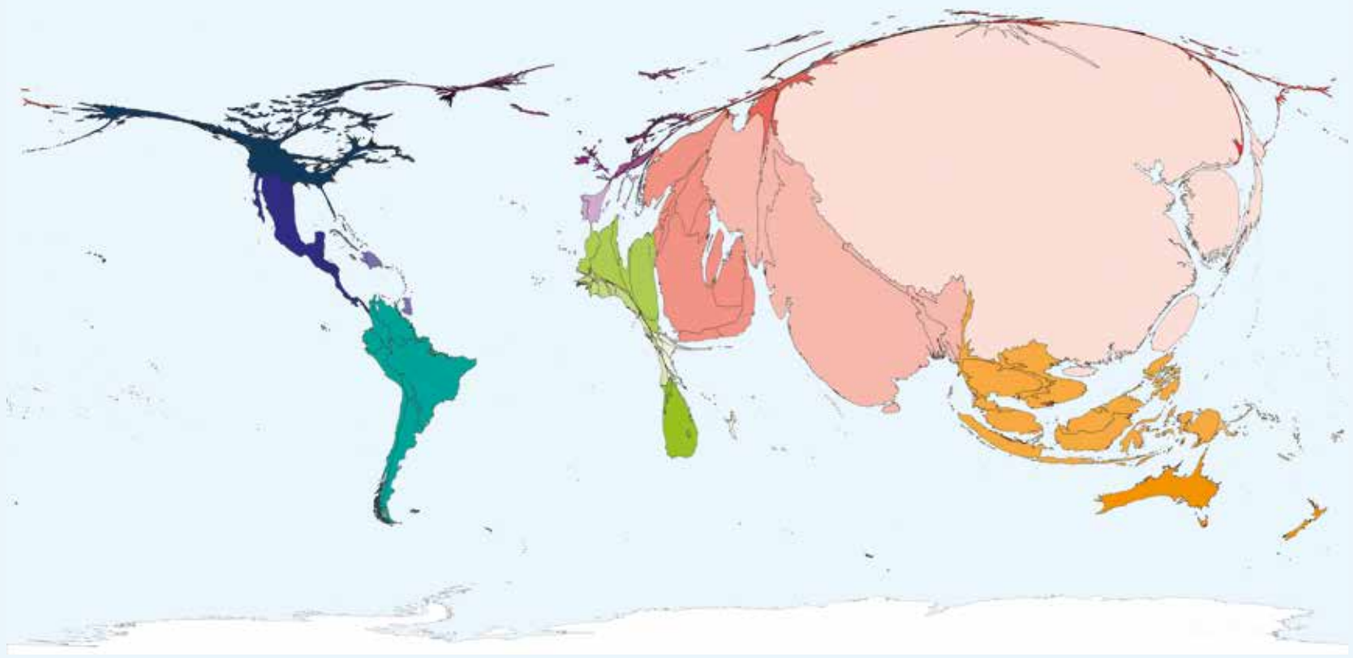
Human activities are estimated to have caused approximately **1.0°C** of global warming above pre-industrial levels.

This figure is likely to reach **1.5°C** between **2030** and **2052** if it continues to increase at the current rate.

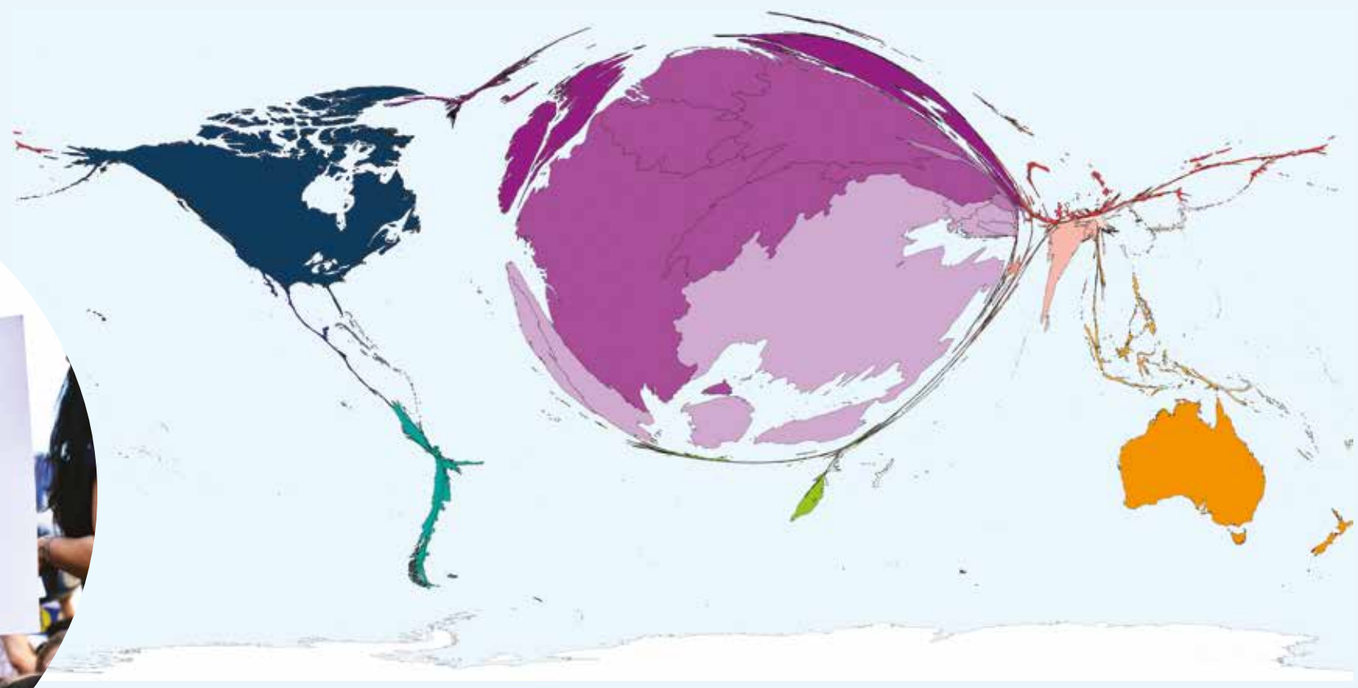
How is the **climate changing?**



This cartogram displays each country resized by their total fossil CO2 emissions. By absolute quantity, China is the largest contributor, followed by the USA and India.



This cartogram shows how individual countries have been contributing to increases. The largest CO2 emissions came from emerging economies.



This map shows the total number of participants who joined the 'Fridays for Future' protest for climate action on 21 March 2019. There were at least 1.6 million climate strikers on all seven continents, in more than 124 countries.

"By combining study of the physical and human worlds, geography provides a unique context to appreciate how our climate is changing and how we might adapt to and mitigate against the changes; an education that all pupils deserve and that geography can provide."

Steve Brace
Head of Education and Outdoor Learning, Royal Geographical Society (with IBG)

The Royal Geographical Society (with IBG) is the home of geography.
We provide a wide range of teaching resources for all Key Stages, access to CPD, advice, support and an opportunity to join us through our membership schemes.

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Reference
Data from *The Intergovernmental Panel on Climate Change* report, 2018
https://www.ipcc.ch/

WORLD MAPPER