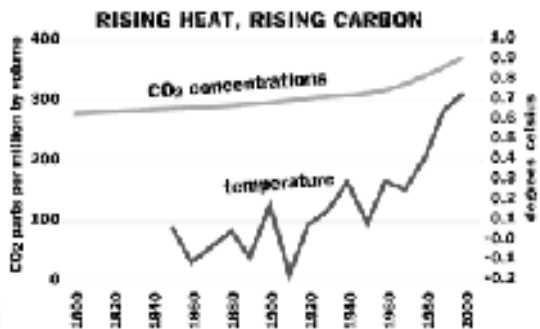


climate change the facts

The ten hottest years on record have all happened since 1990. In 2001 extreme weather events killed more than 25,000 people and displaced millions. In 2002 natural disasters cost \$55 billion according to the insurance industry. Dangerous climate change has become a reality.



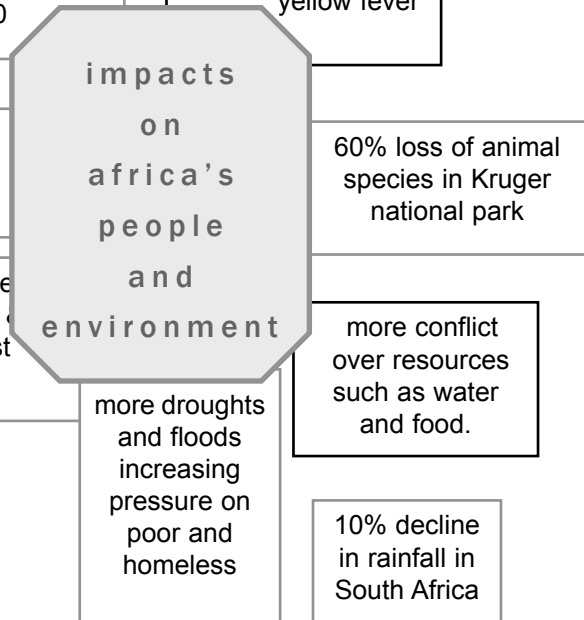
Climate change is caused by the abnormal heating of the planet from human activities that pump greenhouse gases into the atmosphere. The main greenhouse gas is carbon dioxide (CO2).

the causes

The richest countries in the world are those most responsible for climate change. However the poorest countries will be on the frontline of the impacts and have the least ability to adapt to the changes.

TOP 10 polluters

	carbon dioxide emissions: % world total	% of world population
USA	24	4.6
China	14	20
Russia	6	2.3
Japan	5	2
India	4	16.7
Germany	4	1.3
UK	2	0.9
Canada	2	0.5
Italy	2	0.9
South Korea	2	0.8



South Africa's national fishing industry shrink by 35%

sea level rise of 25cm by 2050

50-80 million more cases of malaria, dengue fever and yellow fever

Western Cape to lose 13% agricultural jobs

general decline in agricultural production

60% loss of animal species in Kruger national park

spread of malaria to South Africa and Namibia - cost of 1 billion rand to South Africa's health service

extinction of zebra wildebeest and hartebeest

more conflict over resources such as water and food.

more droughts and floods increasing pressure on poor and homeless

10% decline in rainfall in South Africa



Africa's biggest polluters

*percentage of Africa's total CO2 emissions

Carbon Trade Watch factsheet series: SA001
www.carbontradewatch.org
www.tni.org/ctw