

THREATS TO OUR



In 2009, the United Nations designated

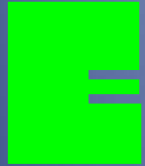
April 22

INTERNATIONAL MOTHER EARTH DAY.

(an annual day on which events are held worldwide to increase awareness and appreciation of the Earth's natural environment)

ENVIRONMENT

WAST



Where does it all go?

Mexico City has a trash problem – a big one. Just 6 percent of the city's waste is recycled, with the rest filling vast (open-air) landfills.



Vital drinking water is being contaminated.

ASIA

Billions tons of garbage are being dumped into the Pacific Ocean.



INDUSTRIAL WASTE

Oil drums



Scrapyard

Tire pile



WATER



Bangkok

Hot raw sewage being dumped into the river.

Guinea Sewage and surface water pollution - untreated sewage is dumped into local waterways.



MIAMI The BP oil spill (April 2010) off the Louisiana coast created a worldwide impression that Florida's shores were awash in crude.



**OIL
SPILLS**

Oil spills damage
beaches and
fragile marine
ecosystems.



AIR

POLLUTION

LONDON SMOG

BANGKOK traffic



NATIONAL GEOGRAPHIC

Find more magazines at www.nationalgeographic.com

Photograph by Josh Cole

Exhaust fumes and factory emissions are major producers of CO₂ and other greenhouse gases.

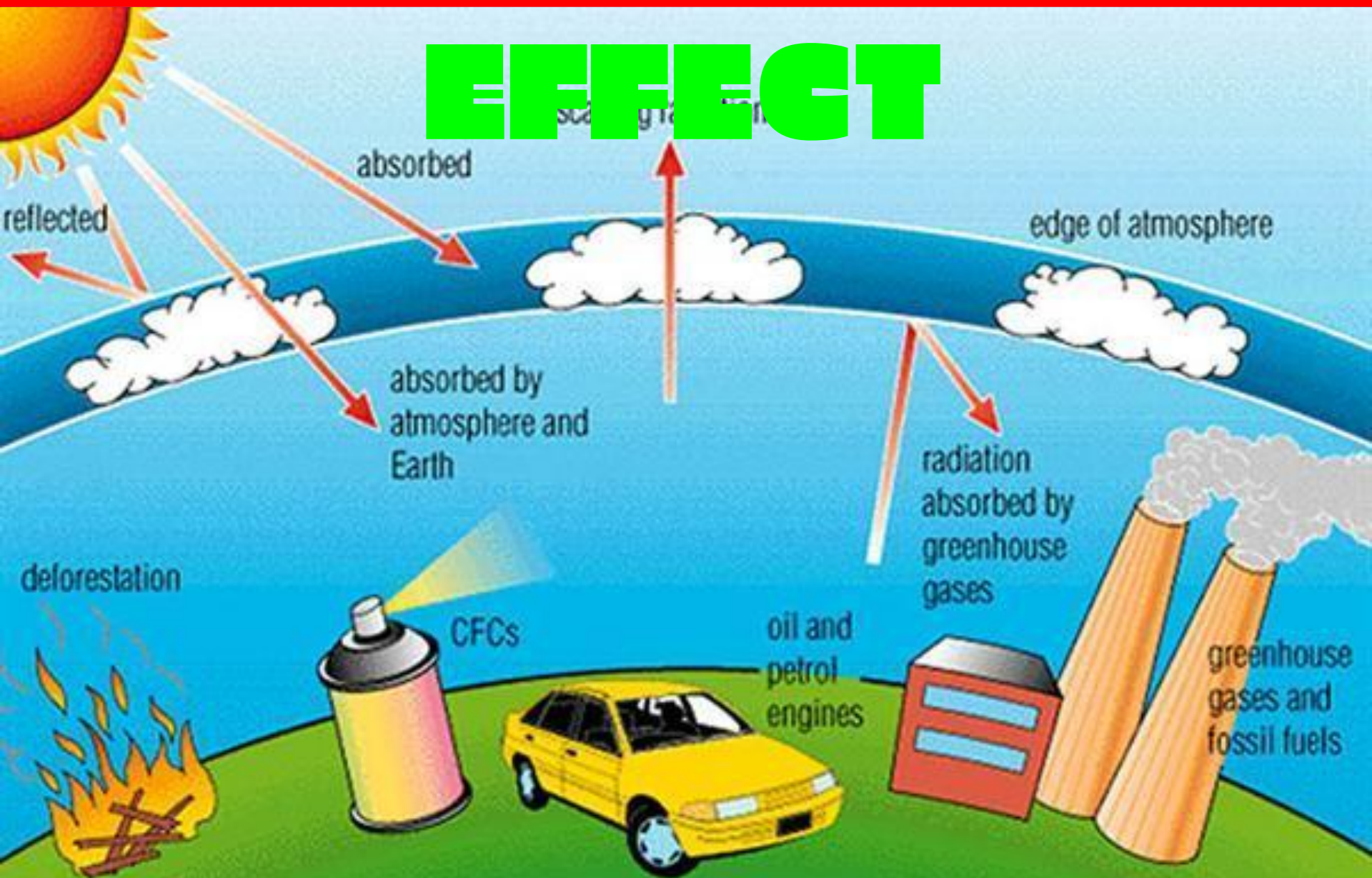


CHINA factory pollution



GREENHOUSE

EFFECT



GREENHOUSE EFFECT

Human activities are causing greenhouse gas levels in the atmosphere to increase.

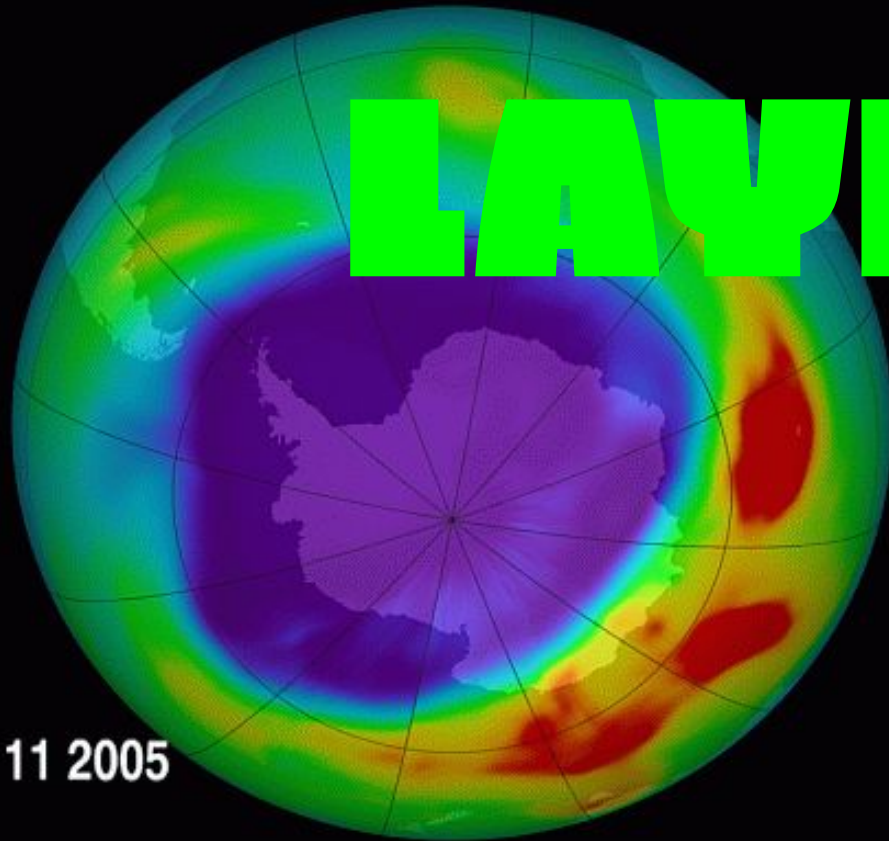
Solar energy is absorbed by the earth's surface, causing the earth to warm and to emit infrared radiation. The greenhouse gases then trap the infrared radiation, thus warming the atmosphere.

This is called **GLOBAL WARMING**.



OZONE

LAYER



The hole is caused by different gases resulting from human-produced chemicals, such as chlorofluorocarbons (CFCs) used in air-conditioners, refrigerators...

The ozone layer blocks 90-99% of the sun's harmful ultraviolet radiation, which causes skin cancer, genetic damage, and eye damage, and is harmful to marine life.

CLIMATE CHANGE



Droughts



Floodings



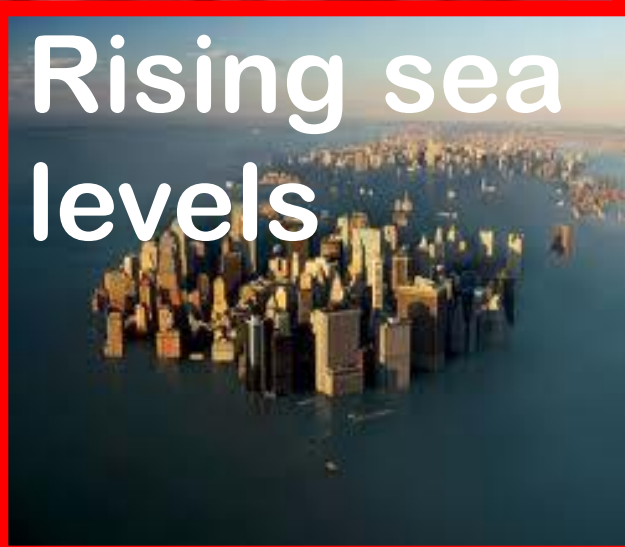
Tornados



Melting of icebergs



Hurricanes



Rising sea levels

DEFORESTATION

ON

WILD FIRES



Almost one-fifth of Brazil's Amazon region - an area the size of France - has been deforested to date, mostly in the last 40 years.



Soil erosion - A desert landscape that used to be a forest but following a drought and continued high temperatures the forest has receded.





Trees are chopped down to make room for housing, farming or cattle grazing.





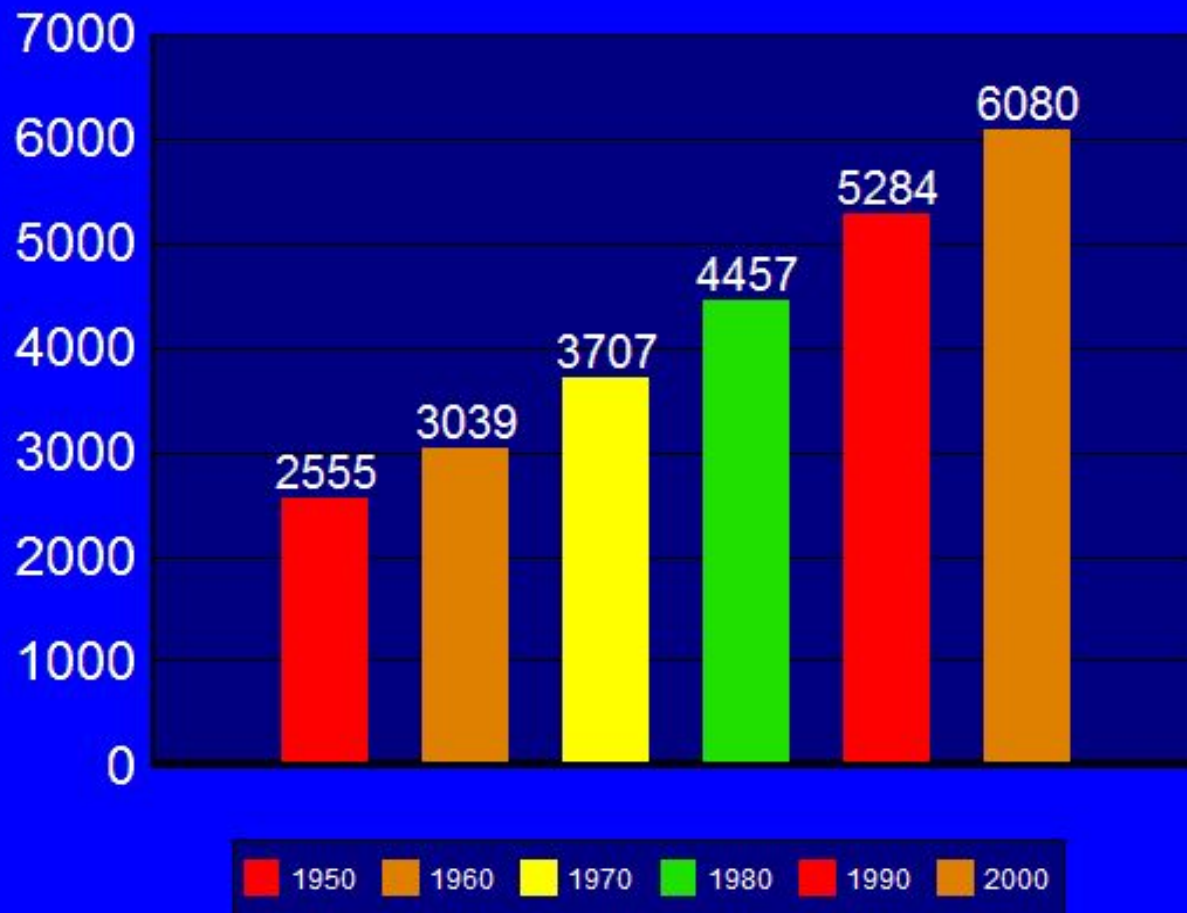
PALM OIL*
HARVESTING
RAVAGES
INDONESIAN
FORESTS AND
ENDANGERS
WILDLIFE



OVERPOPULATION

WHAT IS THE
MAIN CAUSE
FOR ALL OF THIS?





More people means:

More need for space

More need for resources and energy

More need for production

More consumption

**END
RESULT**

**MORE WASTE AND
POLLUTION**

ARE YOU STUPID?

