

Planet in Peril review & Environment lecture

- ☛ Greenland's temperature has risen 8 degrees Fahrenheit. The arctic temperature is rising more than anywhere else in the world.
- ☛ What is the significance of President Bush adding the polar bears to the endangered species list?
- ☛ It is the first species added due to the anticipated status in the future. It is the first time they are being protected because of anticipated loss due to global warming. NOT because the population is low.
- ☛ Lake Chad, the 6th largest lake in the world has lost 90% of its water.
- ☛ Greenland's ice sheet has lost 40% within the last 40 years
- ☛ Africa is the lowest carbon emitting country in the world although the most vulnerable.
- ☛ Earth's history is the most reliable and accurate way to gauge global warming.
- ☛ Largest emitter of greenhouse gases is the rainforest due to the carbon released when the forest is cut down.
- ☛ 20% of the jungle has been lost in the past 40 years.
- ☛ Nothing environmentally happens in a vacuum. What happens here affects us all. We are one planet & one globe. Nothing happens in a vacuum.

Facts

Global Warming-earth's temp has risen at least 1 degree. Glaciers are melting, weather patterns are changing, ecosystems are strained and dying, & endangered species are disappearing

Why? Humans! Burning of fossil fuels (oil, natural gas, coal) releases carbon dioxide.

In 2001, first international global treaty was signed by 165 countries to fight global warming EXCEPT the U.S. Why? Harmful to U.S. economy....

Indoor pollutants #1 is cigarette smoke

**Is bottled water safer to drink? Depends!
Reverse osmosis will eliminate parasites (i.e. giardia), toxins, bacteria, viruses.**

Bottled water must be tested for.....NONE

Vehicles account for a THIRD of the air pollution in the U.S.

The environment accounts for 25-40% of diseases worldwide

The most hazardous form of indoor air pollution is cigarette smoke

Otherwise, bottled water is not regulated and many types come from the city tap water. The bottles contribute to enormous amounts of trash & waste.

Changing our behavior!

- 🐾 Plant a tree**
- 🐾 Look for eco-friendly packaging**
- 🐾 BYOB! (bring your own bag)**
- 🐾 Turn off the lights when not in use**
- 🐾 BYOM (bring your own mug)**
- 🐾 Turn off the water when not in use**

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