

Al Gore 12/3/89

Introduction: Bush - what is he doing.
Promised to be "environmental"
president.

Al Gore: led global warming
CFC

Gore:

graduate of Harvard '69 - ^{Vietnam}
- 3rd interested in Envir. by Prof Ravel
w/ CO₂ monitors

invented Ravel

- Greenhouse Effect originally
considered a fringe issue

1st step: recognize problem

eg. Grog in bailing thro, takes a
sudden shift to do anything like
global civilization. Analogy to
wheel of fortune - world leaders
don't see pattern. Analogy to block
picture of Abe Lincoln. Scale
is problem.

19/8/81

Politicians will wait if anyone says
it is uncertain.

Geography S.A. } Africa

elementary school students thought
they fit together. But until 1960's
continental drift was not accepted.

Scientists couldn't accept that
continents could move.

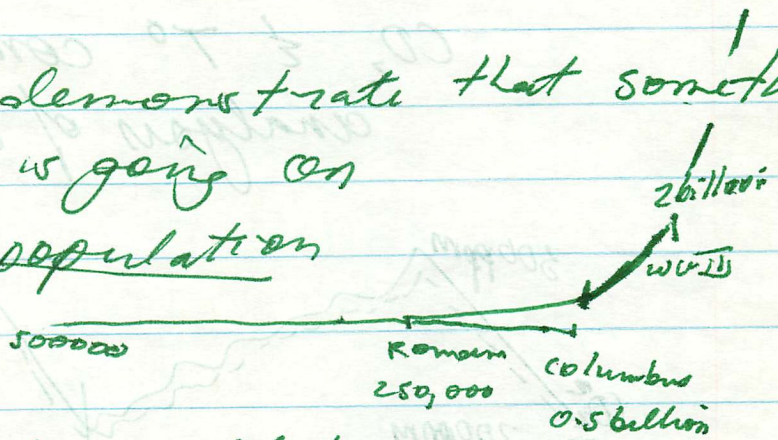
yogi-bera: what hurts us is
not what we don't know, but
what we know for sure just
ain't so.

the assumption today is that the
earth is so big that one species
couldn't overwhelm earth.

atmosphere is v. thin blue line
around earth. $1/1000^{th}$ diam of
earth.

what is common sense? this goes
egot common sense bec. common
sense is based on past experiences
and this is new.

So ① must demonstrate that something
new is going on
② population



10,000 human lifetimes
to 2 billion

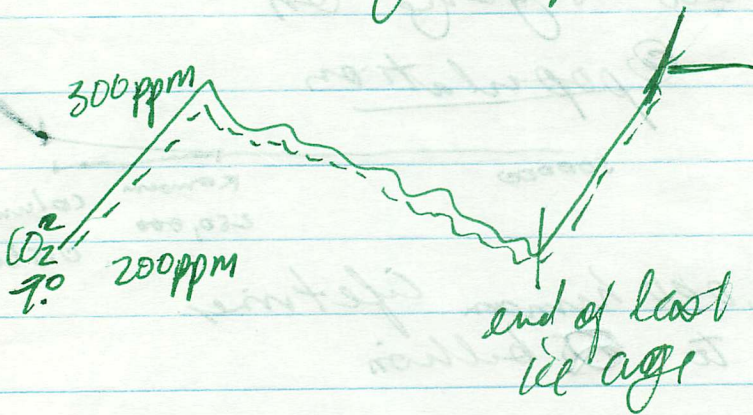
1 lifetime to 10 billion

this is something new

all same pattern { greenhouse gases
deforest
soil erosion
ozone depletion
species depletion (65 million years)
1000x greater rate since dinosaurs

ice record in Antarctica
is #1 piece of evidence
but problem is it is
complicated.

CO₂ & T° come from
analysis of ice



the difference betw 200 & 300
is an ice age. The diff betw.
300 & 600. What? But do
we care? What of it only
our children?

↑tho in ocean (flood)

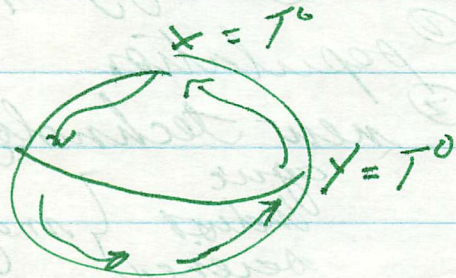
drought

climate system

species

politics

ratio of



if ratio of x/y

but x incr. more than y

$$\left. \begin{array}{l} \frac{x+8}{y+1} \end{array} \right\} = \text{total } \neq 5$$

I want him as a lecturer

O₃ thinned in antarctica
more faster than elsewhere.

- 3 causes of problem of collision
between ecology & people

① population

② new technology

agric
indust } magnify #1
science

③ way of thinking

need to change each of these

① family planning

②

- must share w/ 3rd world

- must stop lecturing 3rd
world w/o changing here

- must forgive debt in
exchange

- reforestation

- recycling

national security interest
How does global warming affect

joint effort of USSR

environmental groups led reforms
in E. Europe.

governments cause of problem.

need national concern
to effect political change.

tongass reform act

sustainable development

- HARVEST THE RAINFOREST

- LONG TERM VS SHORT TERM

political system is receptive to recyclable.
proposal ① nationwide ban on non-recycl. containers

② other means to support

How do we effect awareness in 3rd world

① must face up to our own problem
& gain moral authority

② technology

③ train

Brazil is big problem
must show ⁱⁿ self-interest

efficiency must be increased.

- so what about nuclear

① waste

② evaks

③ safety

- need new reactors

must be good stewards of
the earth.

① has introduced Carbon tax
- market system is best way
to effect change.

② has proposed environmental
security ^{trust} fund of deposits
in for pollution and withdraws
for new technologies

③ has proposed Strategi Envir. Inisiatif
to help new technologies

national security issue.

O₂ Global issue
ozone }
ocean pollution

must have "global environment"
considered as a backyard-

new agriculture
fertilizers
pesticides } ???
herbicides }

- must get away from internal
combustion

need to make
leadership
awareness
commitment to run
go up as well.

must do something
vietnam
china
civil rights } students always
at forefront of
change

why because they look into
the future more.

we need to depend upon young people
to evoke change