

Index Cards

- Name
- Major, minor
- Where you are from?
- Relevant courses for class
- Relevant work, research, internship or life experiences for class
- Something interesting about yourself

- Expectations
 - Soft Bigotry of Low Expectations
- Class format- discussion/Socratic method
- Requirements
- Administrative
 - Everything on webpage-
<http://www.skidmore.edu/~bturner/>
- Readings- mix of scholarly/popular; ideological perspectives
- Absence Policy – 2 no questions asked

Objectives of the class

- Skills
 - Research skills
 - Analytical
 - Writing
- “We spent too much time talking about writing, if I wanted that I would have taken an English class.”

Agenda Setting



SHIT HAPPENS

The great expectations held for DDT have been realized. During 1946, exhaustive scientific tests have shown that, when properly used, DDT kills a host of destructive insect pests, and is a benefactor of all humanity.

Pennsalt produces DDT and its products in all standard forms and is now

one of the country's largest producers of this amazing insecticide. Today, everyone can enjoy added comfort, health and safety through the insect-killing powers of Pennsalt DDT products . . . and DDT is only one of Pennsalt's many chemical products which benefit industry, farm and home.



GOOD FOR FRUITS—Bigger apples, juicier fruits that are free from unsightly worms . . . all benefits resulting from DDT dusts and sprays.



GOOD FOR STEERS—Beef grows meatier nowadays . . . for it's a scientific fact that—compared to untreated cattle—beef-steers gain up to 50 pounds extra when protected from horn flies and many other pests with DDT insecticides.



KNOX FOR THE HOME—helps **Out** to make healthier, more comfortable homes . . . protects your family from dangerous insect pests. Use Knox-Out DDT Powders and Sprays as directed . . . then watch the bugs "bite the dust"!



KNOX FOR DAIRIES—Up to 20% more milk . . . more butter . . . more cheese . . . tests prove greater milk production when dairy cows are protected from the annoyance of many insects with DDT insecticides like Knox-Out Stock and Barn Spray.

KILLING SALT CHEMICALS

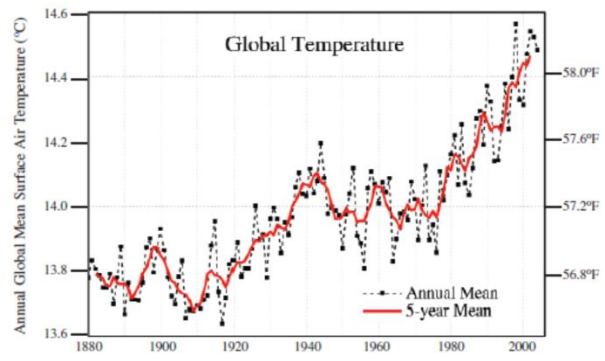
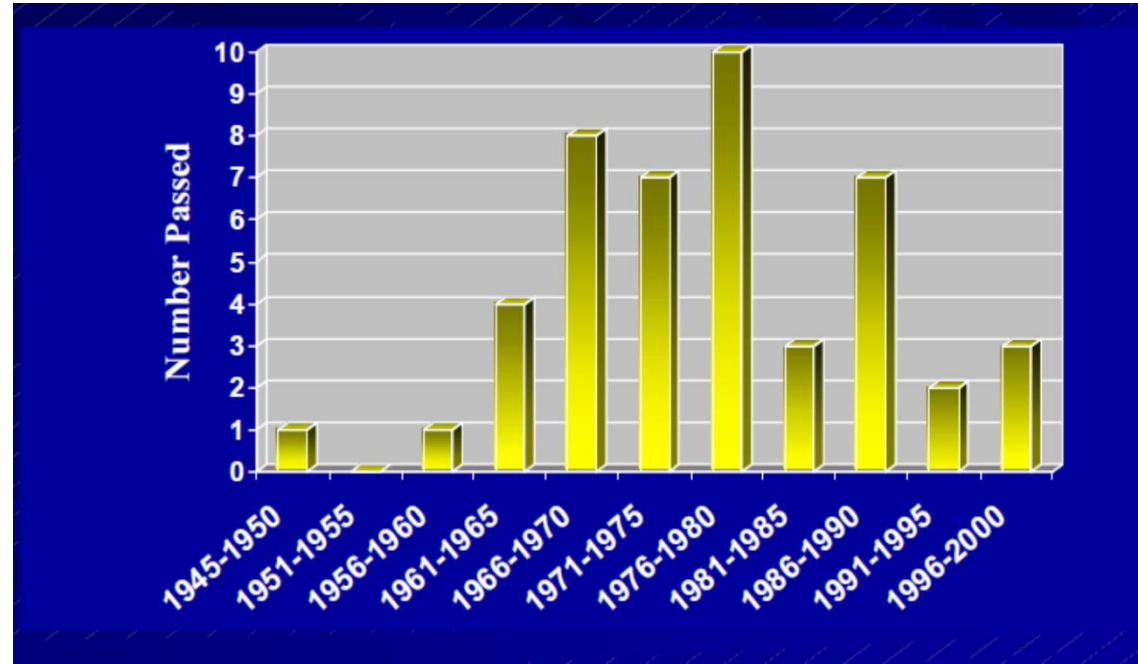
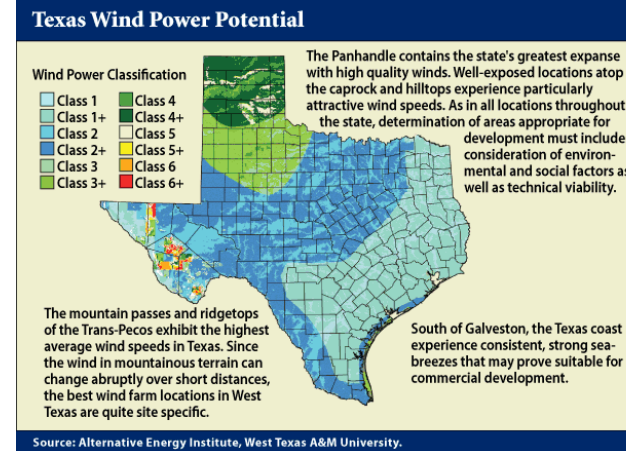


Figure 2. Global annual-mean surface air temperature has increased by 1.4° F (0.7°C) since the early 20th century, with about 0.9° F (0.5°C) of the increase occurring since 1978. Figure courtesy of Goddard Institute for Space Studies.

Political Institutions, Gridlock, Alternative Pathways



Grist, Sep 2011- "Obama is the new Bush when it comes to clean air."

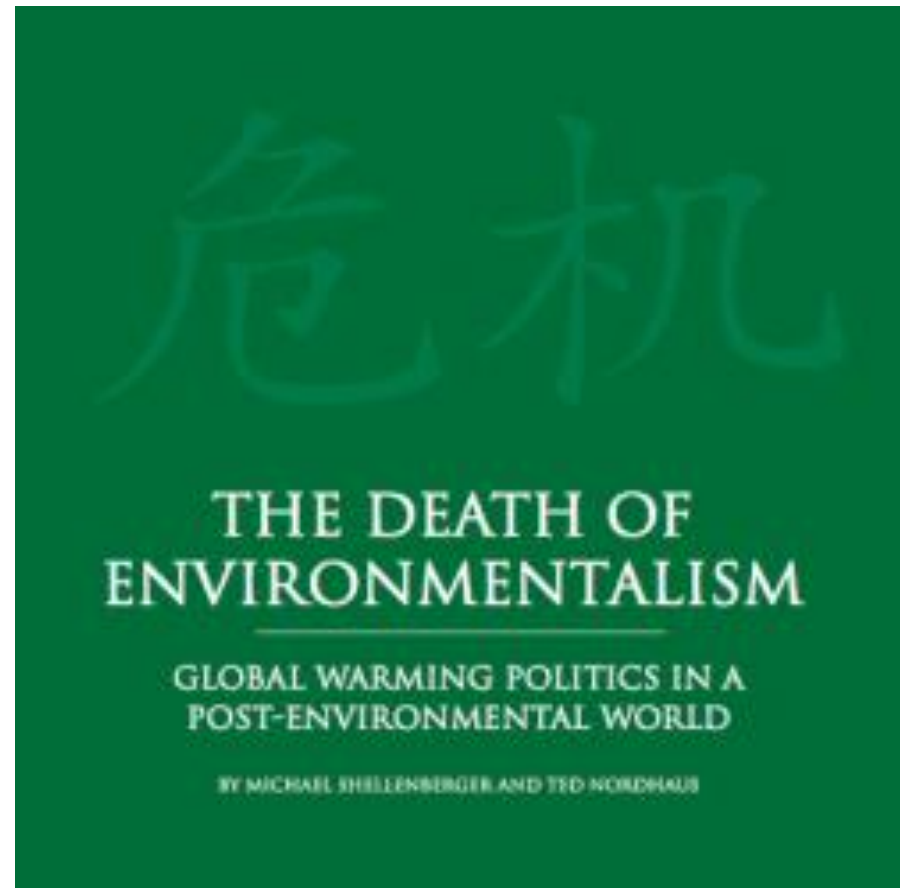
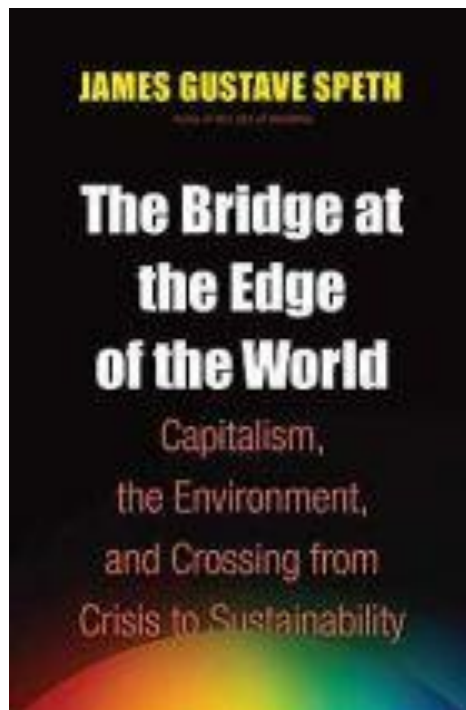


Environmental Policy Instruments

- Command and Control Regulation
- Permitting process
- Reforming regulation
- Corporate environmentalism
- Cost benefit analysis
- Market incentives (cap and trade, carbon tax)
- Disclosure
- Environmental justice
- Grass roots environmental management

Environmental Movement

- Pundits vs. Political Scientists with some help from ecology

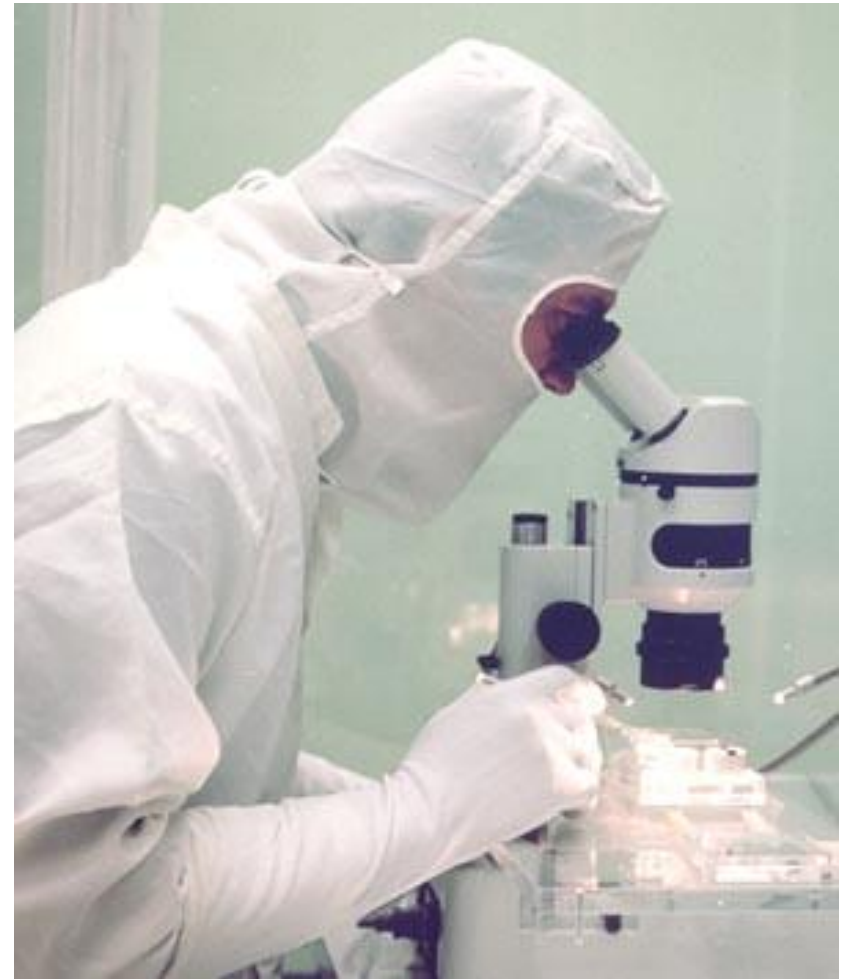


Why Take This Class?

- Who is an
 - ES social and cultural Major
 - ES natural science track Major
 - Government Major

If you want to save the planet...

- The Scientist
- all environmental problems can be traced to the *lack of scientific knowledge about the dynamics of natural systems or about the impact of technology.*



If you want to save the planet...

- Economist
- the major cause of environmental ills is the *imbalance of incentives*.

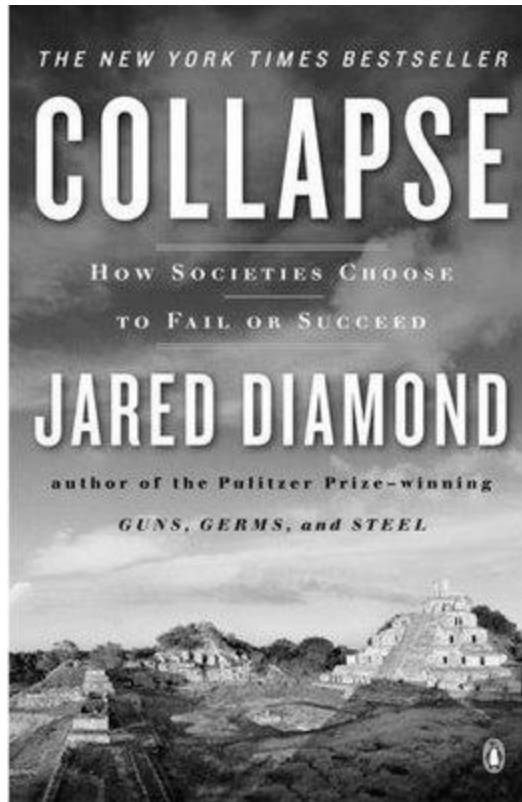


If you want to save the planet...

- Philosopher/Ethicist
- the environmental crisis is *a consequence of our faulty belief systems and values, which are deficient in face of contemporary ecological threats.*
- Eliza "the changes our nation—and our world—need to see will not come from the government, but from the power of the people."



a society can "choose to fail."



Border of Haiti & Dominican Republic.



Can Liberal Democracy Save the Environment?



UPWARD SNOWBILITY.

'83 Ford Bronco takes to the mountains with more torque than any 6-cylinder 4-wheeler. It's just one reason Bronco is the No. 1 seller in its class.* Inside, there's room and comfort for six with optional twin bench seats. Or go with standard bucket seats up front. Even underneath, Bronco's up on the competition. It's the only full-size, American-built sport utility with independent front suspension. Tough Ford Bronco. It's a beautiful way to go! Get it together — Buckle up. Based on F.I. Folk & Co. calendar year registrations as of May, 1982.

Optional Captain's Chairs shown.

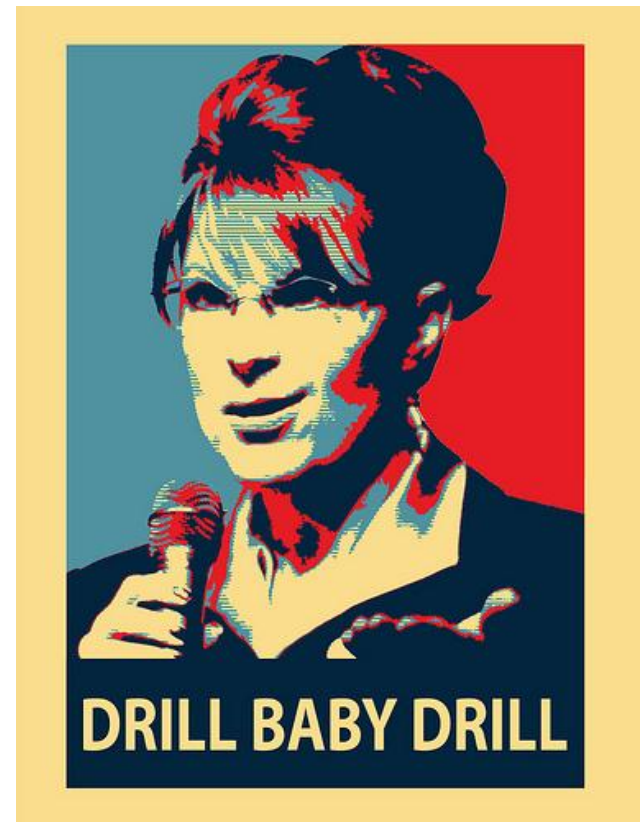
27 EST. IWT 18 EPA EST. MPG 4.9% Six and optional over-drive. Use for comparison. Your mileage may differ depending on speed, distance and weather. Actual highway mileage lower. California ratings may be less. See your Ford Dealer for the 1983 EPA Gas Mileage Guide.

FORD BRONCO

FORD DIVISION 

AMERICA'S TRUCK **TOUGH FORD BRONCO**

SAVE THE TREES
Wipe your ass with an owl

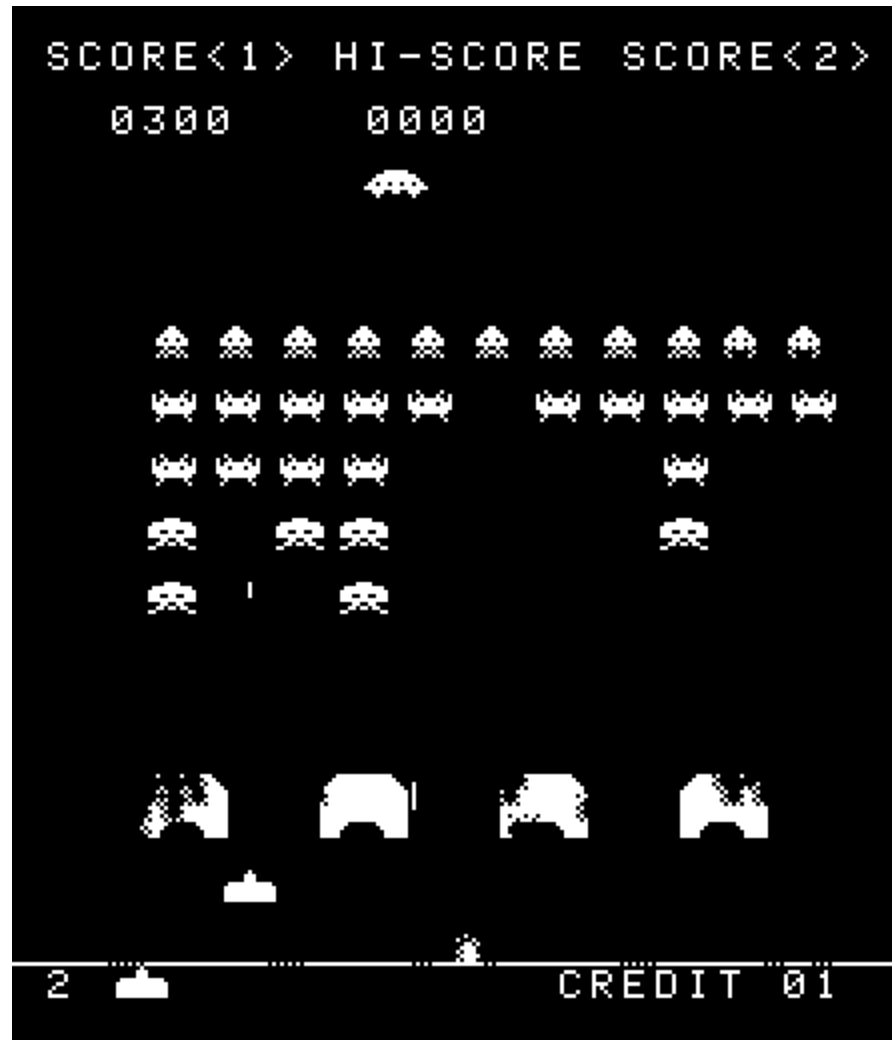


DRILL BABY DRILL

Agree or Disagree

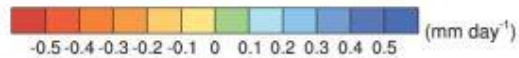
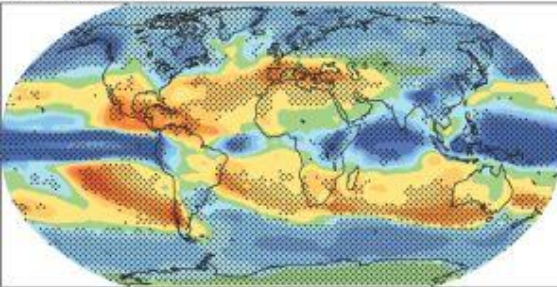
- There has been little progress or improvement in the environment.
- As a nation, we do not regulate the environment enough.
- Environment Regulation is always in the public interest
- Without regulation, corporations will pollute with abandon
- Economic globalization unleashed environmental race to the bottom

Better job of setting priorities

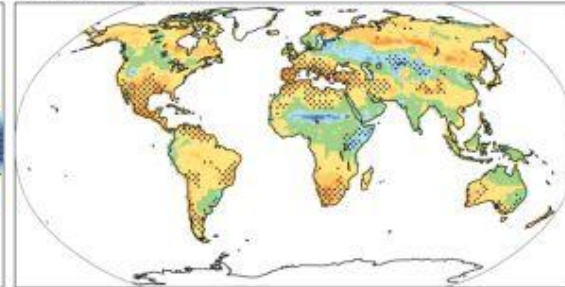


Maintain democratic values

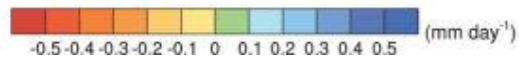
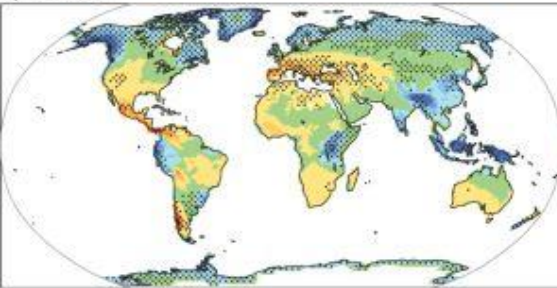
a) Precipitation



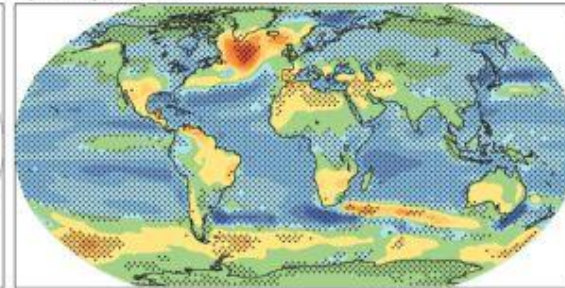
b) Soil moisture



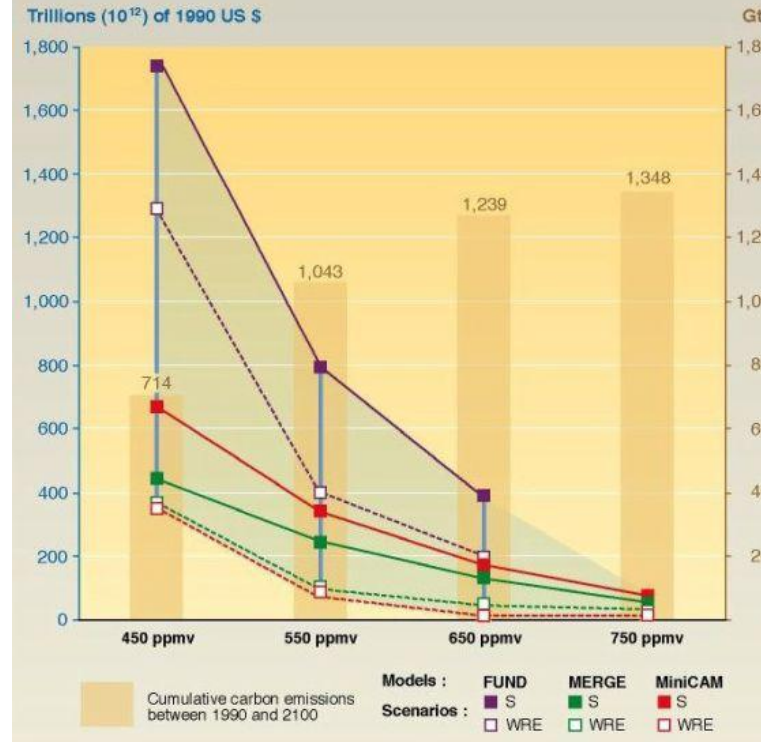
c) Runoff



d) Evaporation



What will it cost to stabilize CO₂ concentrations?



Use Social Resources Efficiently



• or



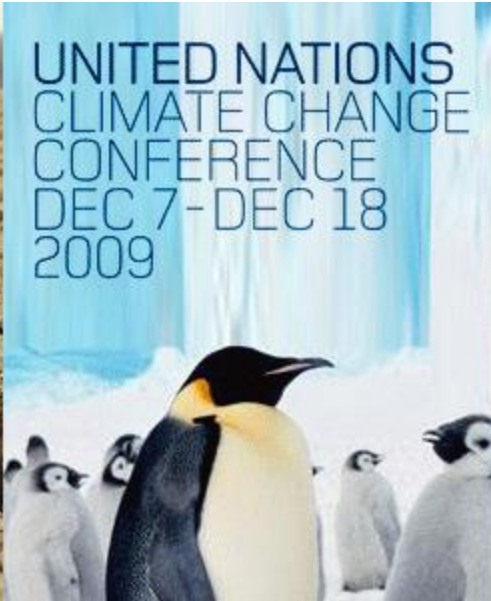
Rising Costs



New Institutions

- Integrate environmental concerns
- Integrate information

Internationalization of Environmental Issues



Measure Progress

Average Number of Days above Air Quality Index of 100 for 81 US Cities.

