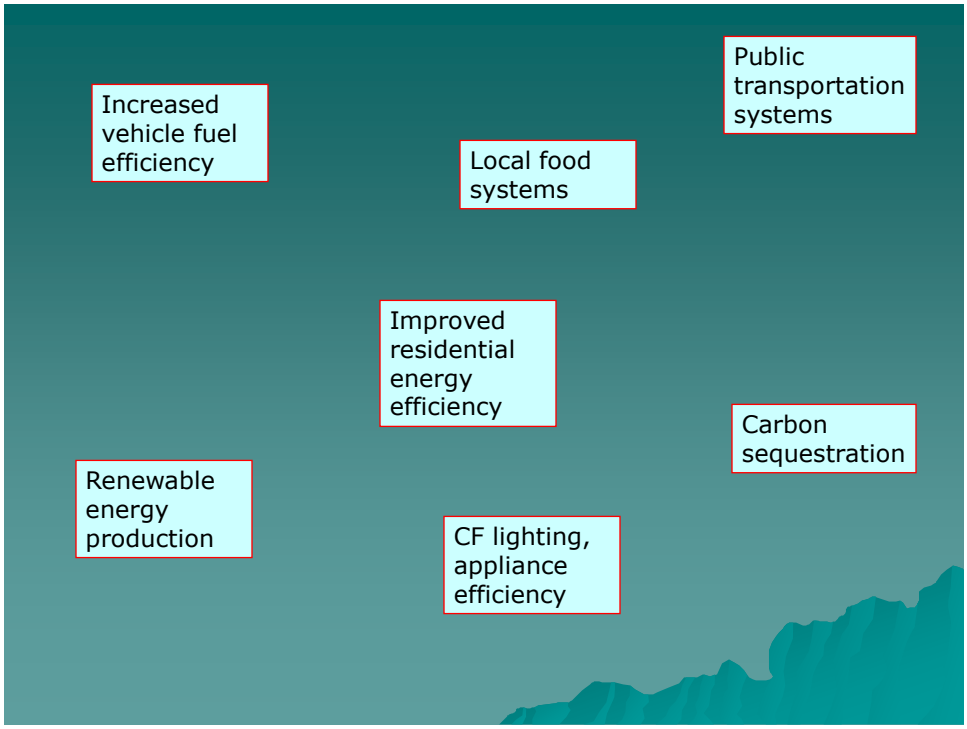
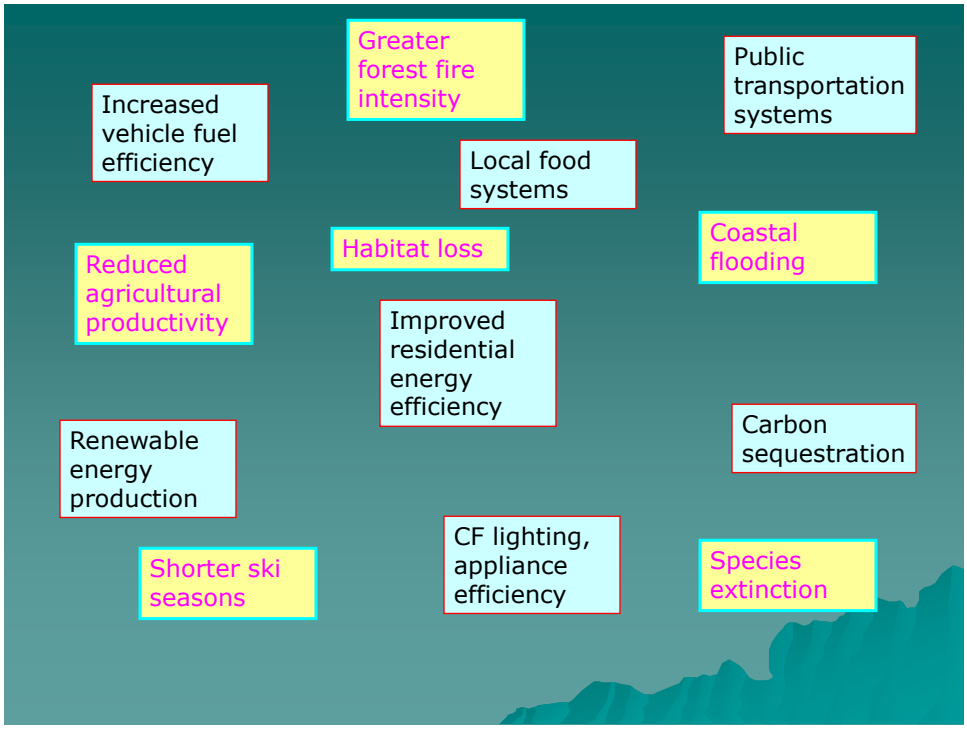
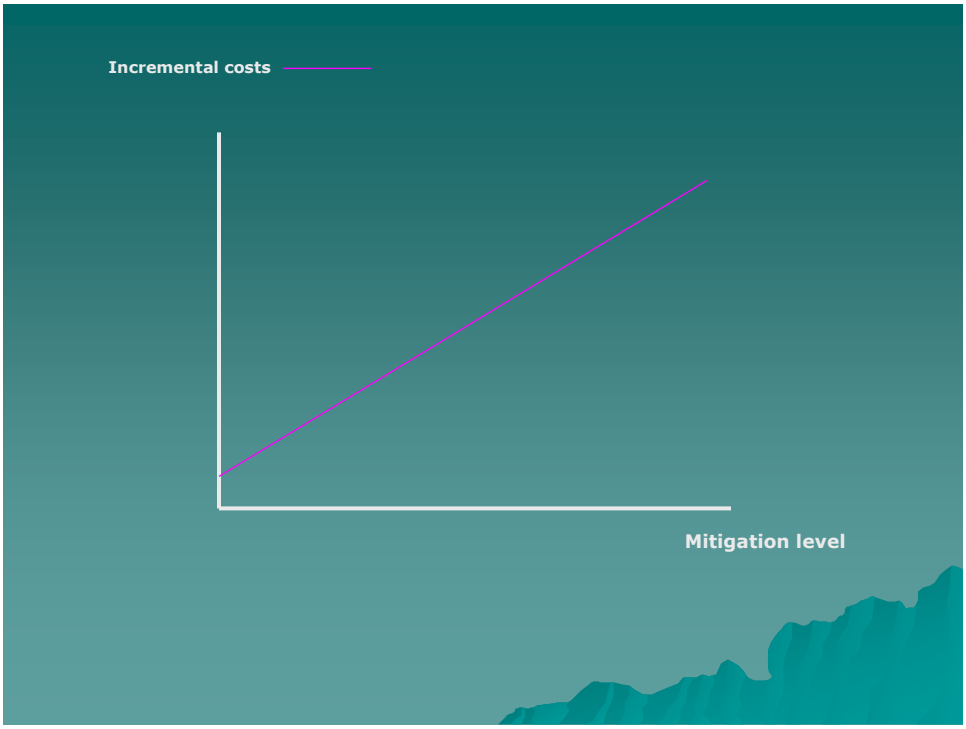
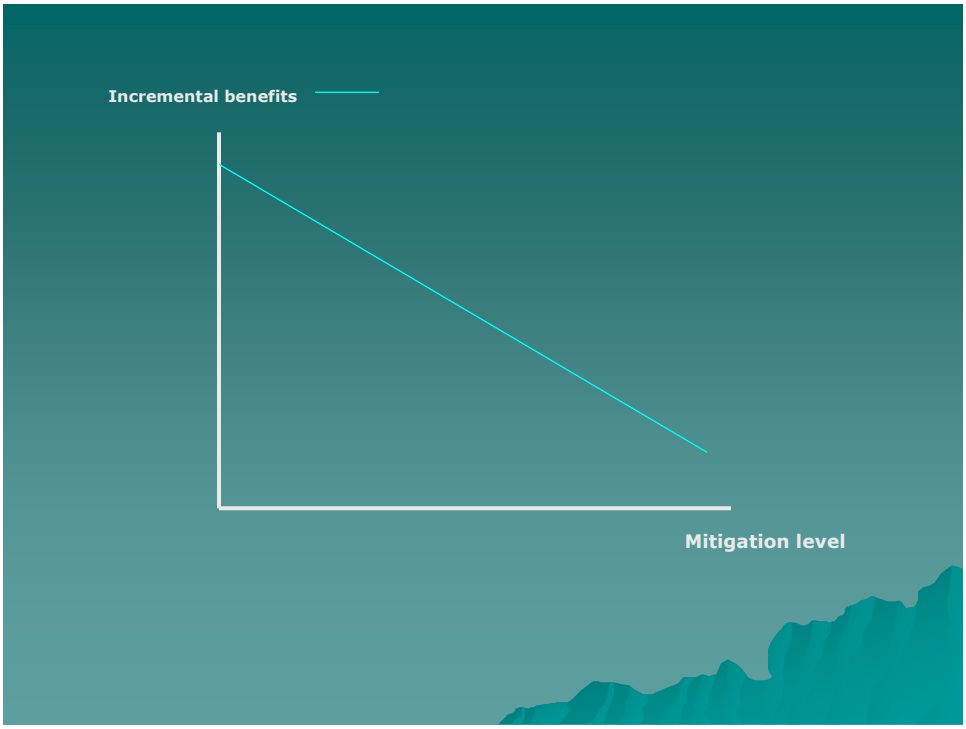
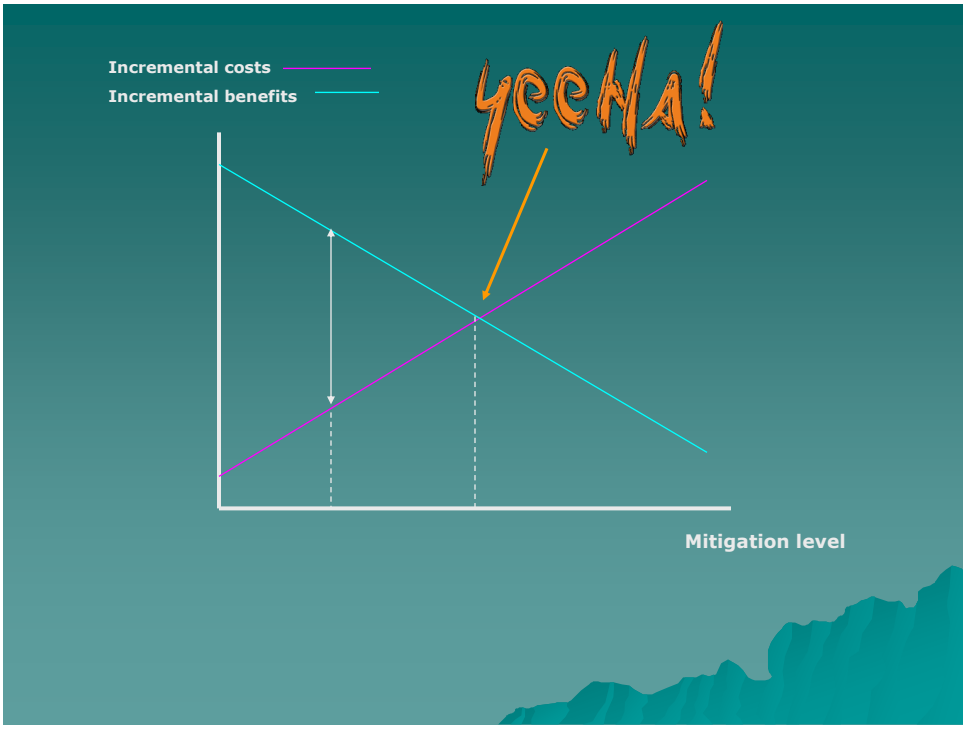

Public transportation systems
Increased vehicle fuel efficiency
Local food systems
Improved residential energy efficiency
Carbon sequestration
Renewable energy production
CF lighting, appliance efficiency


Greater forest fire intensity
Public transportation systems
Increased vehicle fuel efficiency
Local food systems
Habitat loss
Coastal flooding
Reduced agricultural productivity
Improved residential energy efficiency
Carbon sequestration
Renewable energy production
CF lighting, appliance efficiency
Shorter ski seasons
Species extinction

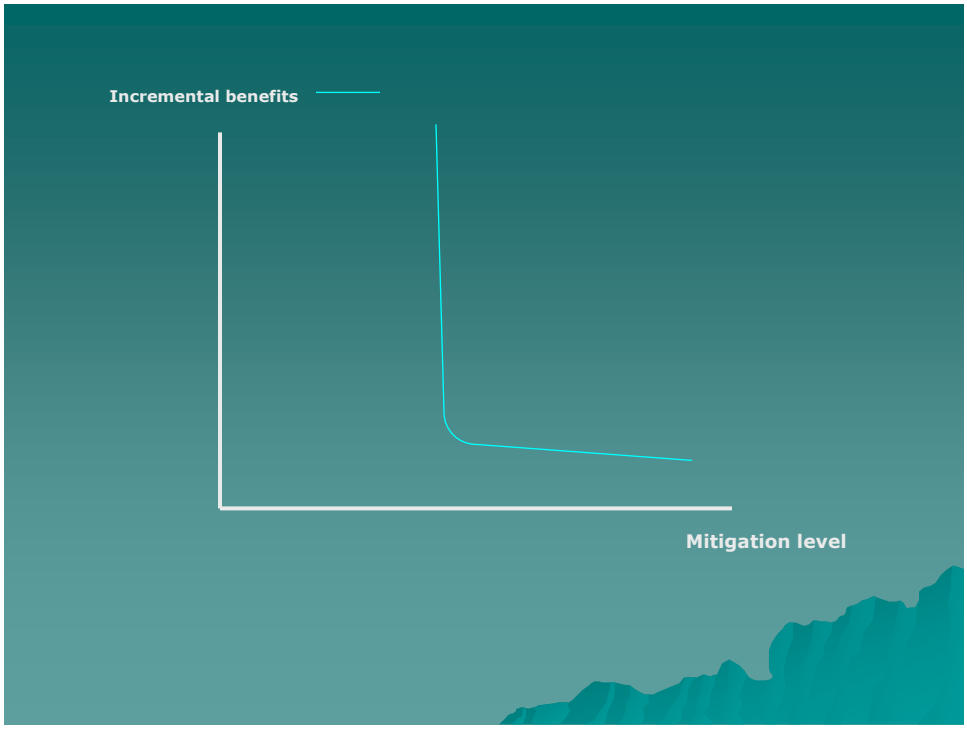

Corn is good for you
ETHANOL
ETHANOL
USA 215

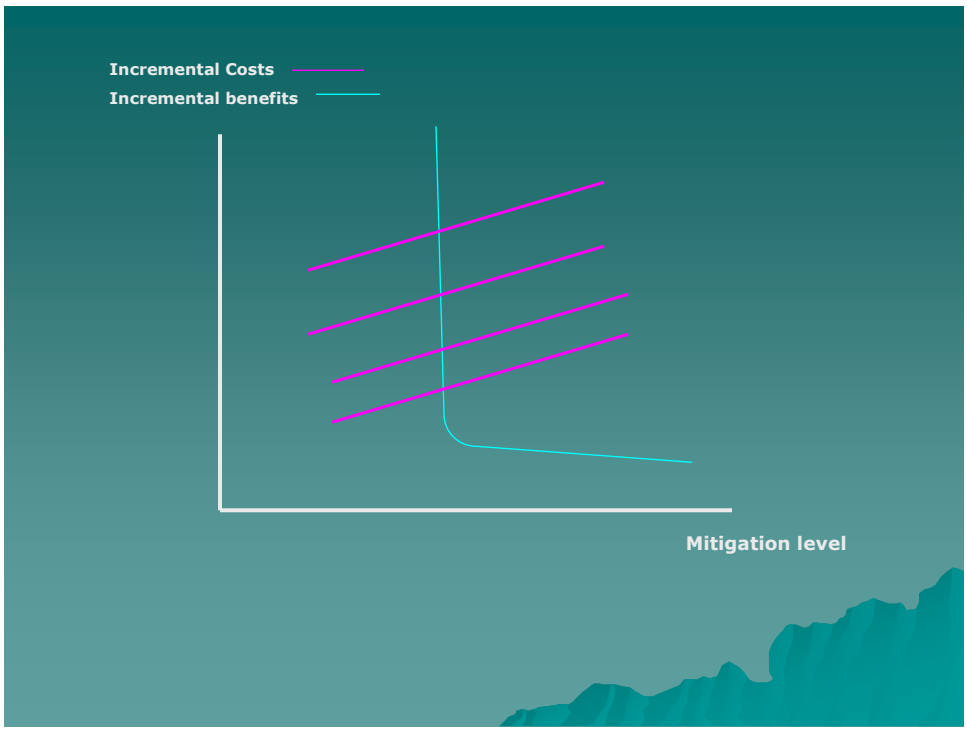

Incremental costs
Mitigation level


Incremental benefits
Mitigation level

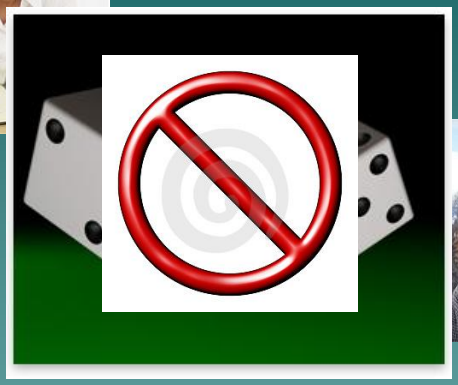

Incremental costs
Incremental benefits
yeeHa!
Mitigation level


Land-Ocean Temperature Index
Annual Mean
FOR SOCIAL RESEARCH
Dr. James Hansen (NASA Climatologist)
Temperature Anomalies to Year 1900 - 2000
The Politics of Science Conference
The New School, NYC 2.10.06.


Incremental benefits
Mitigation level


Incremental Costs
Incremental benefits
Mitigation level


ECONOMIST



$

US

ROW	Reduce emissions	Don't reduce emissions
Reduce emissions	US: Benefits = 50, Costs = 30, Net benefits = 20 ROW: Benefits = 50, Costs = 30, Net benefits = 20 World: Net benefits = 40.	US: Benefits = 35, Costs = 0, Net benefits = 35 ROW: Benefits = 20, Costs = 45, Net benefits = -25 World: Net benefits = 10.
Don't reduce emissions	US: Benefits = 20, Costs = 45, Net benefits = -25 ROW: Benefits = 35, Costs = 0, Net benefits = 35 World: Net benefits = 10.	US: Benefits = 0, Costs = 0, Net benefits = 0 ROW: Benefits = 0, Costs = 0, Net benefits = 0 World: Net benefits = 0.

Household Sector (Total Emissions = 140)

1. Improved lighting and appliance efficiency, 25 tons, $15 per ton.
2. Increase passenger vehicle mileage, 25 tons, 25$ per ton.
3. Energy refits of existing residential structures, 25 tons, $35 per ton.
4. Installation of passive solar heating systems, 25 tons, $45 per ton
5. Installation of PV and small scale hydro residential electrical generation, 25 tons, $55 ton

Electrical Generation Sector (Total Emissions = 140)

1. Increase generation efficiency, 25 tons, $30 per ton.
2. Increase transmission efficiency, 25 tons, $40 per ton.
3. Switch to wind power, 25 tons, $50 per ton.
4. Switch to nuclear power, 25 tons, $60 per ton.
5. Sequester carbon, 25 tons, $70 per ton.

Policy Options Score Sheet

Option: / Feature:	Energy policy with targeted strategies	Carbon tax	Cap and Trade
Political appeal	High	Very Low! (It's that T word!)	Low, but changing?
Efficiency	Low	High	High
Cost uncertainty	Moderate	Low	High
Mitigation effect uncertainty	Moderate	High	Low
Incentives for cost reducing innovation	Low/moderate	High	High
Effect of lowering cost on level of mitigation	Low	High	High