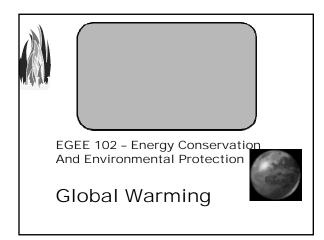
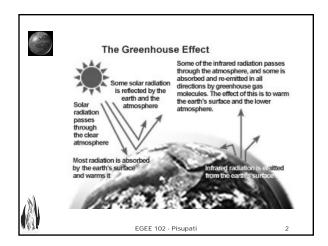
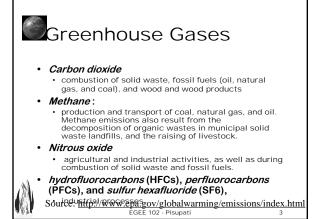
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### Global Warming

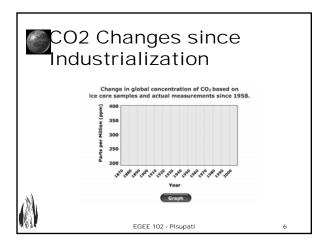
- · Excessive greenhouse gases in the atmosphere due to anthropogenic emissions retains more heat than normal causing the earth's temperature to raise.
- This excessive warming is GLOBAL WARMING.



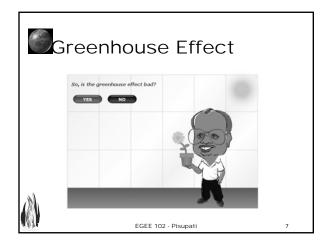
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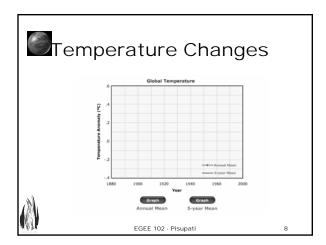
Global Warming Potențial GWP Carbon dioxide (CO2) Methane (CH4)\* Methane (CH4)\*
Nitrous oxide (N2O)
HFC-23
HFC-125
HFC-134a
HFC-143a
HFC-152a
HFC-227ea
HFC-236fa
HFC-4310mee
CF4 310 11 700 2,800 3,800 140 2,900 6,300 1,300 6,500 C2F6 C4F10 9,200 7,000 7,400 C6F14 SF6

EGEE 102 - Pisupati 23,900



## EGEE 102 - Energy Conservation and Environmental Protection (EGEE 102)

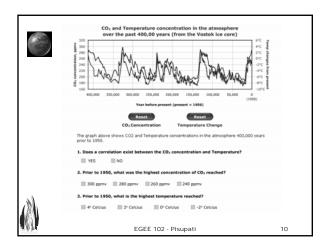


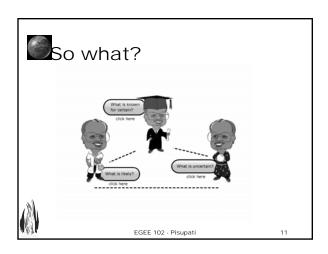


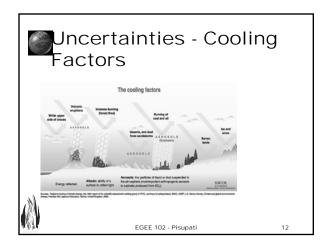
# GHG Emissions Increase

• Since pre-industrial times atmospheric concentrations of CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O have climbed by over 31%, 151% and 17%, respectively. Scientists have confirmed this is primarily due to human activity. Burning coal, oil and gas, and cutting down forests are largely responsible.

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· Cut your utility bills by purchasing energy-efficient appliances, fixtures, and other home equipment and products. The average house is responsible for more air pollution and carbon dioxide emissions than is the average car.



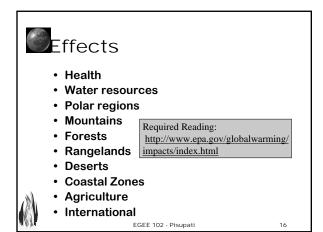
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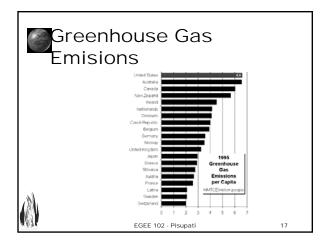


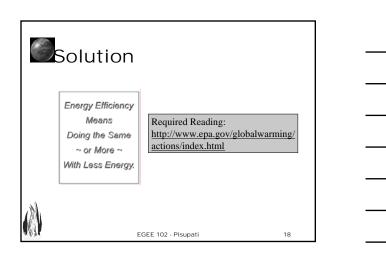
### Individual Emissions

• In the United States, approximately 6.6 tons (almost 15,000 pounds carbon equivalent) of greenhouse gases are emitted per person every year. And emissions per person have increased about 3.4% between 1990 and 1997. Most of these emissions, about 82%, are from burning fossil fuels to generate electricity and power our cars.

# EGEE 102 - Energy Conservation and Environmnetal Protection (EGEE 102)







#### EGEE 102 - Energy Conservation and Environmnetal Protection (EGEE 102)



- The fallacy of Global Warming
- Changing Climates: The Impact.





#### Required Additional Reading

- http://www.epa.gov/globalwarming/ climate/index.html
- http://yosemite.epa.gov/oar/globalw arming.nsf/content/ActionsIndividua <u>l.html</u>
- http://www.giss.nasa.gov/edu/gwde bate/



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