

Key Terms and Concepts

Upon completion of this course, the student should be familiar with the following terms, concepts, and programs.

Standards for reducing pollution

Criteria air pollutants
Primary standard (limit of air pollutant)
Secondary standard (limit of air pollutant)
Attainment area
Non attainment area

Efforts to reduce air pollution

Montreal Protocol
Alternatives to Methyl Bromide
National Crop Loss Assessment Program (NCLAN)
Clean Air Act
State implementation plans
Permit programs
Early reduction programs
Chemical Safety Board
Inspection and Maintenance Programs (to check vehicular pollution)
Sulfur dioxide reduction program
Emission Allowance
Material Safety Data Sheets
Carbon sequestration
Kyoto Protocol
Berlin Mandate
Carbon intensity of the economy
Carbon trading

Links :

Climate Change – information and agencies involved in the United States:

The Discovery of Global Warming
<http://www.aip.org/history/climate/>

US Global Change Research Program
<http://www.usgcrp.gov/>

EPA's Global Warming Site
<http://www.psukeyotonow.org/>

Significant New Alternative Policy (SNAP) – EPA's program to evaluate and regulate substitutes for ozone depleting chemicals

<http://www.epa.gov/ozone/snap/index.html>

The Regional Greenhouse Gas Initiative, an initiative of the Northeastern and Mid-Atlantic states of the US.

<http://rggi.org/>

Climate Change – information and international agencies involved:

United Nations Framework Convention on Climate Change

<http://unfccc.int/2860.php>

Inter Governmental Panel on Climate Change

<http://www.ipcc.ch/>

Real Climate – Climate Science from Climate Scientists

<http://www.realclimate.org/>

Postdam Institute for Climate Impact Research

http://www.pik-potsdam.de/pik_web/index_html

Climate Change –research and civil society organizations:

Pew Center on Global Climate Change

http://www.pewclimate.org/global-warming-basics/basic_science/

Global Warming Page of the Union of Concerned Scientists

http://www.ucsusa.org/global_warming/

SinksWatch -An initiative to track and scrutinize carbon sink projects

<http://www.sinkswatch.org/>

Fact Sheet on ‘Asia Pacific Partnership for Clean Development and Climate’

<http://www.state.gov/g/oes/rls/fs/50314.htm>

Tufts Climate Initiative

<http://www.tufts.edu/tie/tci/>

Global Warming: Focus on the Future at Enviroweb

<http://globalwarming.enviroweb.org/>

Climate and Air Program, Environmental Defense

<http://www.environmentaldefense.org/programs.cfm?subnav=42>