



Yale-New Haven
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Curriculum Units by Fellows of the Yale-New Haven Teachers Institute
1986 Volume VI: Fossil Fuels: Occurrence; Production; Use; Impacts on Air Quality

Atmospheric Changes Due to Industrial and Residential Combustion of Hydrocarbon Fuels

Guide for Curriculum Unit 86.06.05

by Susan M. Burke

This unit develops a study of air pollution from a description of what constitutes air pollution, specifically, from its coal sources in the United States, and, most specifically, in the northeastern U.S. and Canada.

The geographic area involved and the particular source of the greatest emissions are discussed. The chemistry of air pollution in the atmosphere, radiation, and the effects upon vegetation are also included.

A final discussion includes the legislative developments and the legal problems in assigning air pollution liability. Specific attention is given to New Haven.

(Recommended for accelerated Physical and Earth Science classes, grade 9; and Biological, Chemical, and Life Science classes, grades 10-12)

Key Words

Air Pollution Ecology Environmental Science Fossil Fuels Geology Combustion Natural Resources

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