

Q U E S T I O N S
FOR THOUGHT, DISCUSSION, & FURTHER STUDY

1. What is pollution?
2. What causes air pollution?
3. What is "acid rain?"
4. How can one country's industrialization influence the environmental problems of another country?
5. What are "chlorofluorocarbons?"
6. What causes the "Greenhouse Effect?" What are the main causes of this?
7. What factors cause changes associated with global warming?
8. Where are the Tropical Rain Forests?
9. Why are the Rain Forests being destroyed?
10. What can we do to help the Rain Forests survive?
11. What are the long-term effects the world will experience if the Rain Forests are not saved?
12. What are some of the sources of water pollution?
13. How are nuclear power plants harmful to the environment if there are no accidents?
14. What is an endangered species?
15. What animals are on the endangered species?

COLLECT THE WHOLE SERIES
THE GEOGRAPHY TUTOR

VOL. 1
MAP & GLOBE TERMS

VOL. 2
TYPES OF MAPS & MAP PROJECTORS

VOL. 3
MAP SKILLS

VOL. 4
EARTH'S PHYSICAL FEATURES

VOL. 5
WEATHER & CLIMATE

VOL. 6
GLOBAL PROBLEMS & ISSUES

VOL. 7
GEOGRAPHIC DEFINITIONS

VOL. 8
THE FIVE THEMES OF GEOGRAPHY

VOL. 9
EARTH'S NATURAL WONDERS

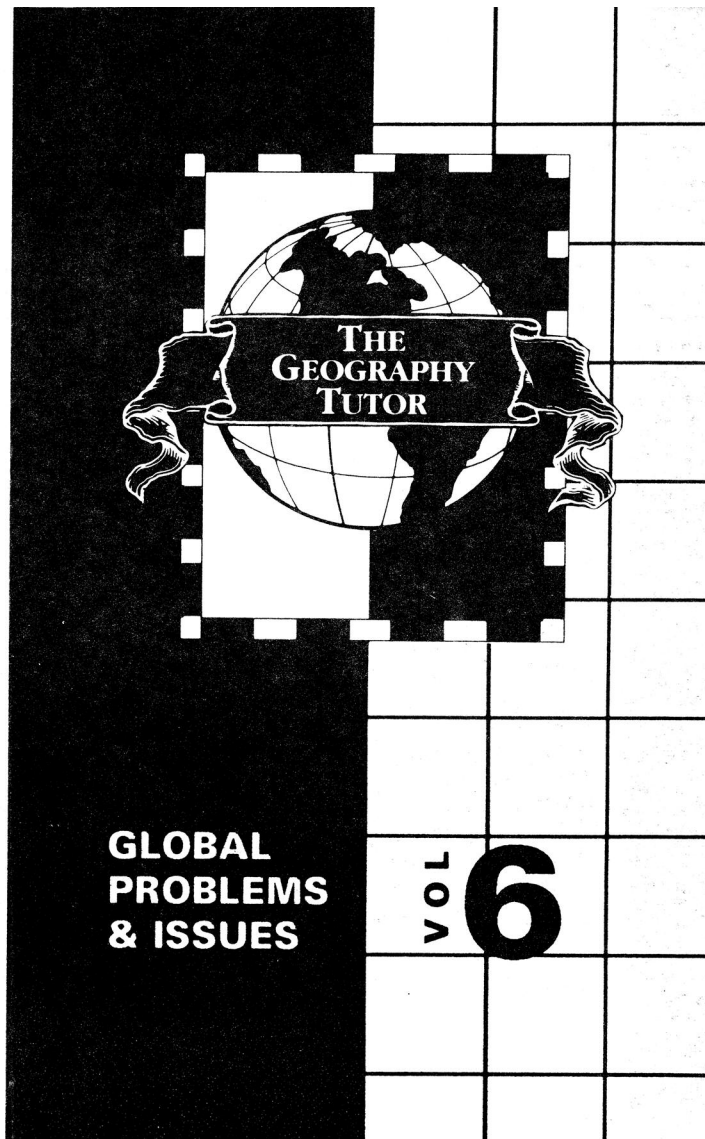
VOL. 10
HUMAN-MADE WONDERS OF EUROPE & ASIA

VOL. 11
HUMAN-MADE WONDERS OF AFRICA, AUSTRALIA & THE AMERICAS

VOL. 12
SOIL

VOL. 13
VEGETATION

TMW MEDIA GROUP
 2321 Abbot Kinney Blvd., Venice, CA 90291
 (310) 577-8581 Fax: (310) 574-0886
 Email: sale@tmwmedia.com Web: www.tmwmedia.com



"WHO, WHAT, WHERE IN THE WORLD?" GLOBAL PROBLEMS AND ISSUES

Air Pollution - Pollution of the air by emissions from Motor Vehicles, Factories, Incinerators, Forest Fires, Etc.

Acid Rain - Rain that has been contaminated with pollutants; Can cause damage to vegetation, building materials and to humans.

Carbon Monoxide - A colorless and odorless gas that is released when fossil fuels are burned.

Chlorofluorocarbons - A group of chemicals used primarily in aerosol spray cans and refrigerators; They help to destroy the Ozone Layer.

DDT - An extremely dangerous pesticide once used all over the world; It is now banned in many countries, including the United States.

Deforestation - The destruction of the world's forests.

Desertification - The extension of typical desert landscapes; These changes take place in arid regions bordering deserts.

Drought - A lengthy period during which there is no significant rainfall.

Endangered (Animals) - When a species is facing extinction because their habitat is being destroyed or the animals themselves are being killed.

Erosion - The processes that wear away land and soil.

Fossil Fuels - These include Coal, Oil, and Natural Gas.

Global Warming - A situation in which the Earth's Temperature rises; Could cause ice caps to melt and therefore cause a rise in the ocean levels.

Greenhouse Effect - The term used to describe how short wave radiation easily passes through the atmosphere but outgoing radiation is absorbed and reradiated back to the Earth's surface.

Habitat - The natural environment of a plant or animal.

Natural Resources - Resources that occur naturally in the environment such as Water, Air, Soil, Vegetation, Minerals, Animals, Etc.

Nonrenewable Resources - Resources that, once used, cannot be replaced (EX: Fossil Fuels).

Ozone Layer - A region in the stratosphere that contains ozone which absorbs the sun's ultraviolet radiation; Ultraviolet radiation, in large amounts, could destroy all life on Earth.

Pollution - The introduction of harmful materials into our environment.

Reforestation - The replanting of trees in an area which has been stripped of forests by natural causes or by man.

Renewable Resources - Resources that can be replenished such as trees, animals, etc.

Sahel - A region that is a 200 - 700 mile-wide strip of land that stretches across Africa just below the Sahara; Parts of this region is being taken over by the Sahara.

Scarce (Resources) - Resources that are in short supply.

Slash and Burn Agriculture - Method used to create new farmland by cutting and burning the forests to release nutrients into the soil; One of the causes of the destruction of the world's rain forests.

Thermal Pollution - Water Pollution that is caused when the temperature of the water is increased significantly because of industries and power plants.

Water Pollution - The introduction of harmful pollutants which make water unsafe for drinking, bathing and swimming.

1. List some of the major causes of air pollution.
2. List ways in which air pollution adversely affects people and other living things.
3. Discuss ways in which gases pollute the environment.
4. Give the reasons for the drastic reduction in the production of "CFC's."
5. Discuss the advantages and disadvantages of the "Greenhouse Effect."
6. List the problems associated with global warming and its effect on the world.
7. Explain why the Rain Forests are as important to the environment as they are.
8. Discuss why we need to educate people in ways to alter their agricultural techniques in order to save the earth.
9. List the major causes of water pollution.
10. Compare renewable and non-renewable resources.
11. Devise a plan for the nations of the world to work together to help conserve and recycle the resources of the world.