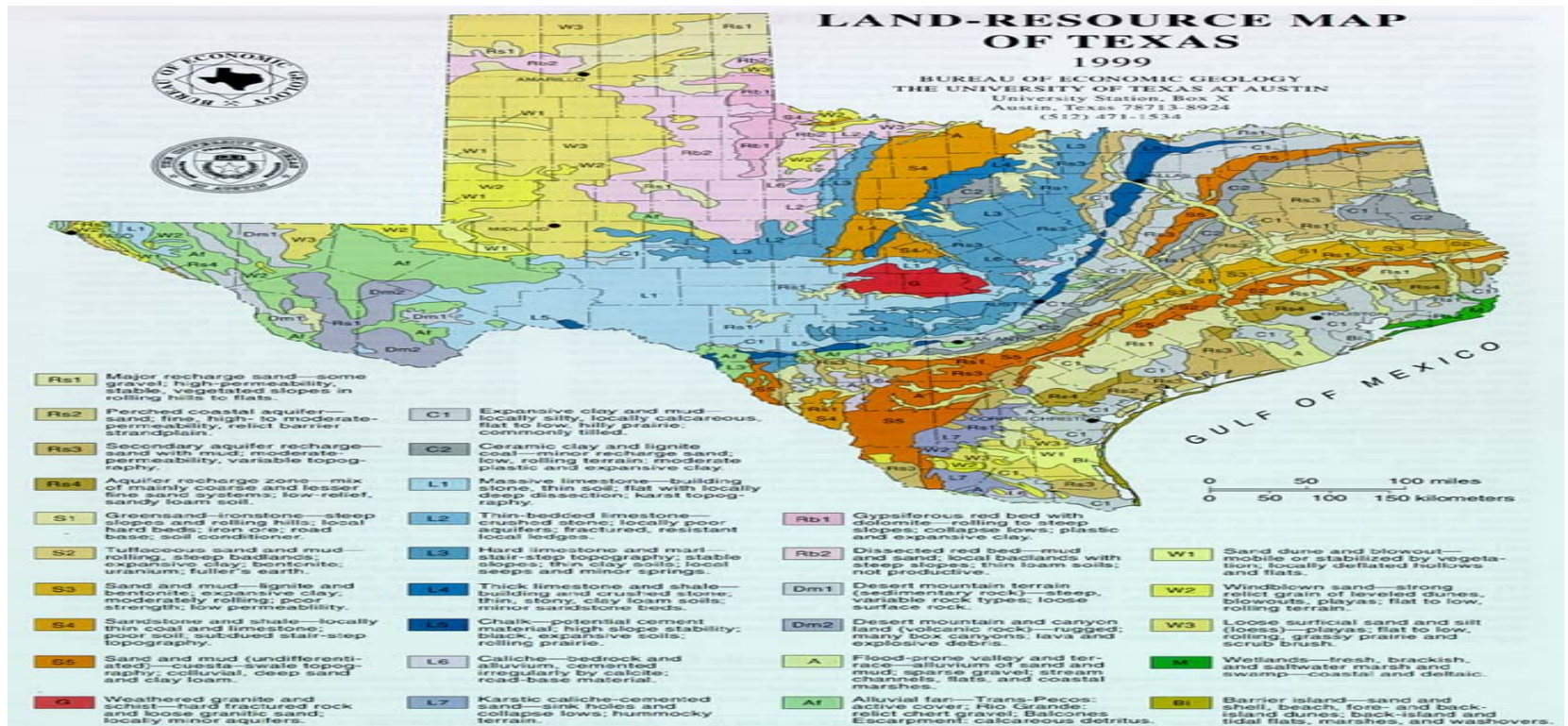


4.7C

Natural Resources



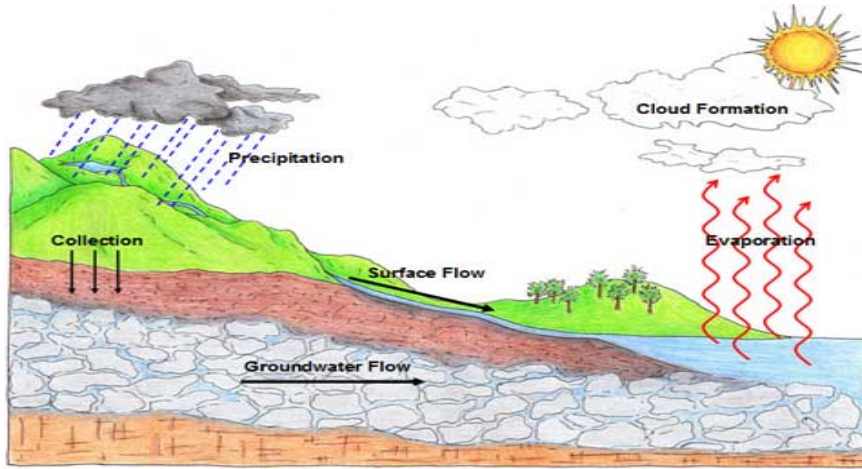
natural resources



natural resources

Substances that exist naturally on Earth and are used by humans for consumption (eating and drinking), and for the creation of products and energy.

renewable resources



renewable resources

**Resources that are
replaceable within
a lifetime.**

nonrenewable resources



nonrenewable resources

Fossil fuels, such as coal, oil, and natural gas may be all used up in the future by humans. Fossil fuels take **millions** of years to form.

coal



coal

Decayed *swamp plants* +
MILLIONS of YEARS of heat and pressure =



Burned in electric power plants and furnaces,
and used in products such as pavements,
insecticides, medicines, and explosives.

oil and natural gas



oil & natural gas

HEAT and **PRESSURE** applied
for MILLIONS of YEARS to
microscopic **marine**
organisms create pockets of
oil and natural gas.

alternative energy sources



alternative energy sources

Energy, such as solar, wind, or hydroelectric, that can replace or supplement fossil-fuel sources, as coal, oil, and natural gas.

wind energy



wind energy

**A form of energy in
which turbines
convert the kinetic
energy of wind into
mechanical or
electrical energy.**

solar energy



solar energy

**Energy from the Sun's
radiation that is
collected on special
panels and converted
into electrical energy.**

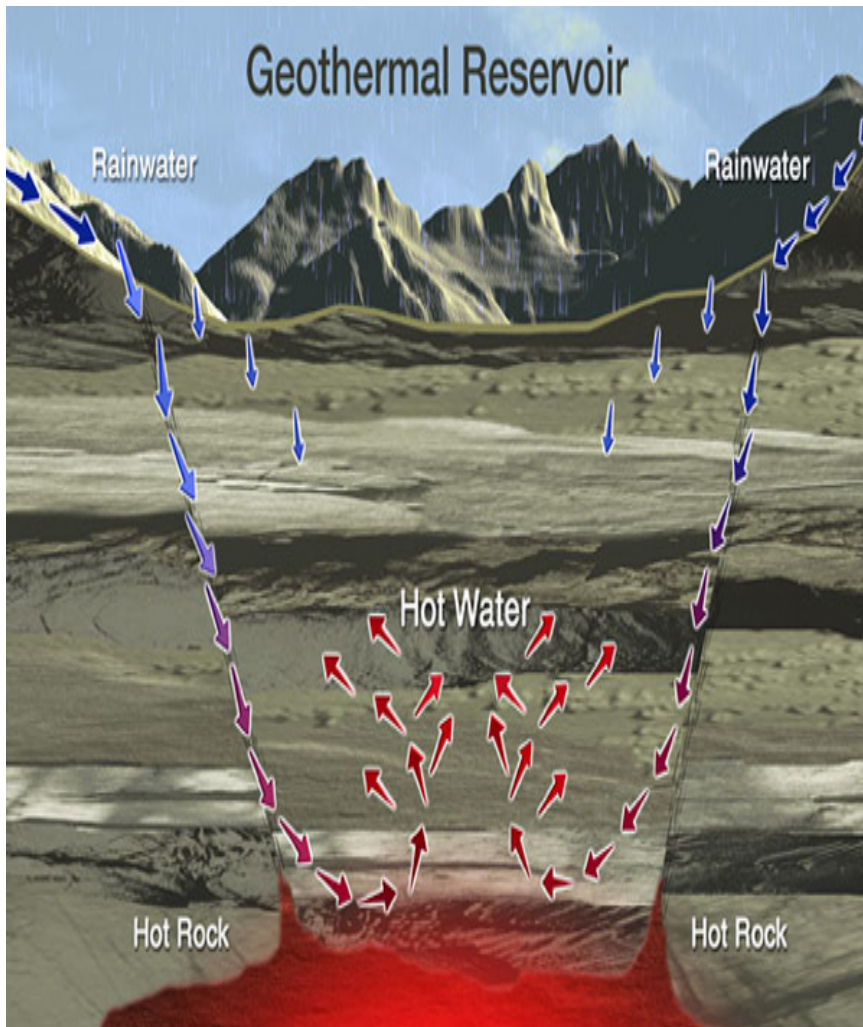
hydroelectric energy



hydroelectric energy

The kinetic energy from water falling over a dam that is captured and converted into electrical energy.

geothermal energy



geothermal energy

**Obtained by tapping
underground reservoirs of
heat, usually near
volcanoes. Steamy hot
springs and geysers come
from these same heat
sources.**

biofuels



biofuels

**Plants such as corn, are
grown and converted into
fuel for energy.**

pollution



pollution

*The introduction of harmful
and deadly substances or
products into the
environment.*

conservation



conservation

Protect and preserve the Earth's natural resources with 3 practices.

- * Reduce

- * Reuse

- * Recycle