

Environmental Basics

The sky appears blue during the day due to a phenomenon called Rayleigh scattering. Sunlight is made up of many colors, and blue light is scattered in all directions by the gases and particles in the Earth's atmosphere.

Trees play a crucial role in the environment. They absorb carbon dioxide and release oxygen, which is essential for the survival of most life forms on Earth. A large tree can provide a day's supply of oxygen for four people.

Water covers approximately 71% of the Earth's surface. It is a vital resource for all known forms of life. Freshwater is found in rivers, lakes, glaciers, and underground reservoirs.

Recycling helps reduce waste and pollution. Commonly recycled materials include paper, glass, plastic, and metal. Proper recycling can conserve natural resources and energy.

Garrett Hardin coined the term "Tragedy of the Commons" in 1968. It refers to the overuse of shared resources when individuals act in their own self-interest rather than for the common good.