

GLOSSARY

1 ECOSYSTEM :

It is a system that describes a community of living organizations and their interactions with one another, plus the environment in which they live and also they interact. It is a complex system involves relationships that are governed by the laws of the physical sciences and biology.

2 Gaia Hypothesis :

Gaia is the name of ancient Greek goddess 'Mother Earth'. The hypothesis explains that organisms do not simply adapt the physical environment but actively interact with it to modify the physical and chemical conditions of the biosphere.

3 Biotic Component :

A component that includes all living organisms that is all life forms that follow the process of birth and death.

4. Abiotic Component :

A component that includes all physical, non-living elements that provide substance to the living organisms.

5. Biogeochemical cycles :

These cycles include Hydrogen, Oxygen and Carbon. They also include Nitrogen, Phosphorous, Potassium, Calcium, Sulphur, Magnesium and Iron. These elements are extremely important for plants and animals.

6. Climate change :

A major alteration in a climate measure such temperature, wind or precipitation that is prolonged.

7. Global warming :

Increased temperature of the earth's surface caused by accumulating GHGs that absorb the sun's radiation.

8. Water pollution :

It is a pollution of water wealth which makes water unsafe, unfit and impure for human use. It is a threat to the existence of fisheries and birds.

9. Deforestation :

It means destroying forest which is a source of natural resource and the residence of wild animals, reptiles, birds and insects. Generally caused by urbanization and industrialization.

10. Biodiversity :

The variety of distinct species, their genetic variability, and the variety of ecosystems they inhabit.