

Our Environment

Our environment consists of following components:

1. **Biotic Component:** All living being
2. **Abiotic Component:** Soil, Gases, Minerals

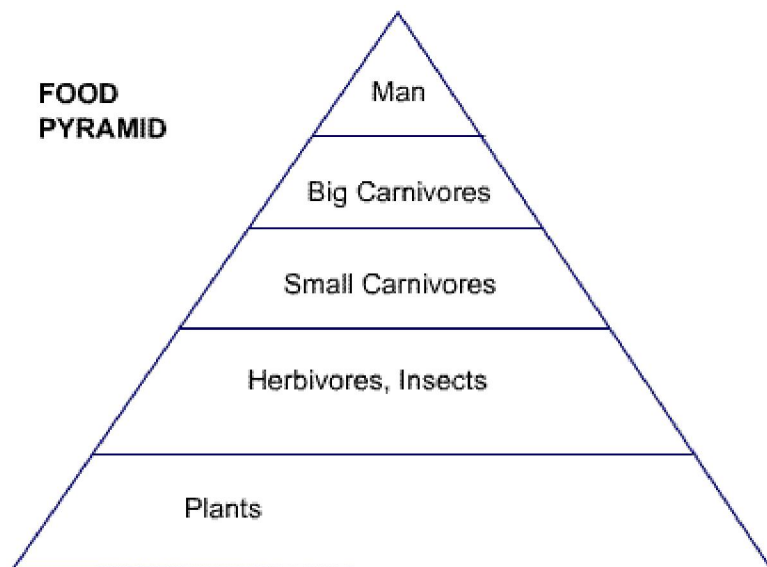
Every abiotic component is in fixed quantity in the environment. Natural system is made in a way which helps prevent the misuse of abiotic component and facilitates a cycle which helps the return of all abiotic component to the environment.

Ecology: All biotic and abiotic components function under perfect harmony to ensure a balance in the environment. This is possible because of interdependency all living and non-living form on this earth. This is system is called as ecological system.

Energy Cycle or Food Cycle: Sun is the main source of energy and green plants are the ones which harness this energy. This energy is transferred to other living being through an elaborate and complex food chain.



Through the food chain apart from energy, other abiotic components like hydrogen, carbon, oxygen, nitrogen, etc. also move in the ecological system. Ultimately when a plant or animal dies, decomposers, like bacteria, decompose their bodies and all the abiotic components return to the environment. That is how the natural cycle of conservation goes on.



Mankind's Bad Effects on Environment:

Man is consuming all natural resources in a mindless way. Burning of fossil fuel is creating heavy pollution.

1. High concentration of Carbon Dioxide is creating greenhouse effect, resulting in higher average temperature across the globe.
2. Chlorofluorocarbon being used in refrigerators, ACs and pressurised cans has caused hole in the ozone layer of atmosphere. Ozone layer protects the earth from ultraviolet rays from the sun.
3. Use of non-biodegradable materials like polythene is choking the ground. It will reduce the soil fertility. It may hamper in recharging of underground water reservoir.

Preventive Steps Needed to Protect the Environment:

1. Use of renewable energy sources.
2. Use of Bio-degradable packing materials.
3. Recycle as many things as possible.
4. Reuse things as many times as possible.
5. Reduce energy consumption.