

Air supports to life

Oxygen Availability to Animals and Plants Living in Water and Soil

Plants and animals living in water utilize oxygen in the dissolved form for respiration. This oxygen content is depleting due to dumping of wastes in water. The whole aquatic habitat is affected because of water pollution.

Oxygen is required by animals like earthworm living in soil also. These tiny creatures live in burrows and consume oxygen present in between the soil spaces.



Replacement of Oxygen in Atmosphere

Plants use carbon dioxide for photosynthesis while both plants and animals use oxygen for respiration. The consumption of oxygen for respiration by plants is very less in comparison to the oxygen given out by photosynthesis. Plants give out oxygen which is used by animals and animals give out carbon dioxide that is used by plants.

Uses of Air

Moving air is called as wind. This can be used for various purposes

- Windmill which moves by wind are used for the generation of electricity.
- Air helps in the movements of sailing yachts, gliders, parachutes and aeroplanes.
- Birds, bats and insects can fly due to the presence of air.
- Air also helps in the dispersal of seeds and pollen of flowers of several plants.
- Air plays an important role in water cycle.