

Ecosystem Glossary

- ✚ **Ecosystem:** Study of interaction between living and non-living components
- ✚ **Standing quality:** Total inorganic substances presents in any ecosystem at a given time and given area
- ✚ **Standing crops:** Amount of living material present in a population at any time.
- ✚ **Biomass:** Can be measured as fresh weight or dry weight of organisms
- ✚ **Benthic:** Bottom zone of the pond
- ✚ **Trophic:** Refers to the position of organisms in food chain
- ✚ **Omnivores:** Those eats both plants and animals
- ✚ **Food chain:** Refers movement of energy from producers up to top carnivores
- ✚ **Food web:** Interlocking pattern of food chain
- ✚ **Pyramid of number:** Refers number of organisms in a successive trophic level
- ✚ **Pyramid of biomass:** Refers to quantitative relationship of the standing crops

- ✚ **Pyramid of energy:** Refers transformation of energy at successive trophic levels
- ✚ **Ten per cent law:** refers only 10 per cent of energy is stored in each successive trophic levels
- ✚ **Bio geo chemical cycle:** Exchange of nutrients between organisms and environments
- ✚ **Carbon cycle:** Circulation of carbon among organisms and environments
- ✚ **Guano:** It is a accumulated excrement of sea birds and bats.
- ✚ **Phosphorus cycle:** Circulation of Phosphorus among organisms and environments
- ✚ **Succession:** Successive replacement of one type of plant communities by other on barren or disturbed area.
- ✚ **Pioneers:** Invaded plants on barren area
- ✚ **Primary succession:** Plants colonising on barren area
- ✚ **Secondary succession:** Plants colonising on disturbed area.
- ✚ **Climax communities:** Final establishment of plant communities which are not replaced by others.