

Chapter 8



Unit IX - Plant Ecology

Environmental Issues



Learning Objectives

Learning objectives

The learner will be able to,

- ❖ Understand the importance of growing more plants to mitigate the environmental problems.
- ❖ Distinguish between the importance and conservation of endemic and endangered species.
- ❖ Appreciate the use of technologies for agriculture and forestry.
- ❖ Participate in community activities to improve environmental conditions.
- ❖ Develop methods in conservation of water and plants for sustainable development.
- ❖ Get acquainted with satellite technology and utilising it in our daily life needs



Chapter outline

- 8.1 Green House effect and Global Warming
- 8.2 Forestry
- 8.3 Deforestation
- 8.4 Afforestation
- 8.5 Agrochemicals and their effects
- 8.6 Alien invasive species
- 8.7 Conservation
- 8.8 Carbon Capture and Storage (CCS)



- 8.9 Rain water harvesting
- 8.10 Sewage disposal
- 8.11 Environmental Impact Assessment (EIA)

After understanding the structure and functions of major ecosystems of the world, now student community should observe and understand environmental problems of their surroundings at local, national and international level.

Now we are going to understand some of the environmental issues such as

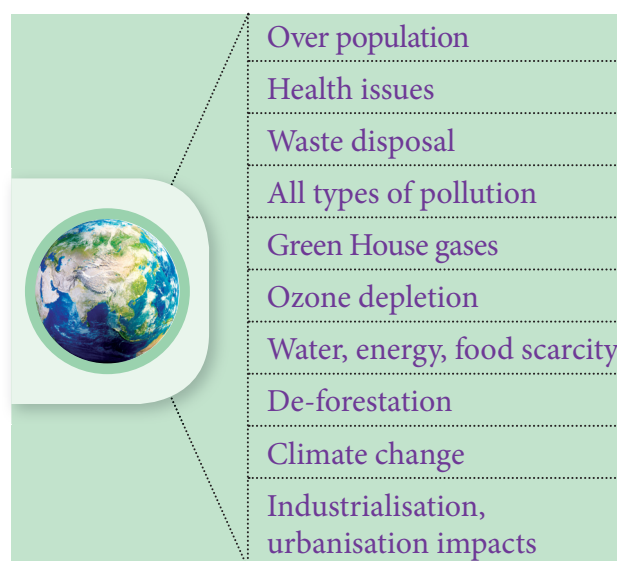


Figure 8.1: Environmental issues

Environmental issues are the problems and harmful effects created by human's unmindful activity and over utilisation of valuable resources obtained from the nature (environment). Student should understand not only the environmental issues we are facing now, but also find solutions to rectify or reduce these problems.