

CONSERVATION OF NATURAL RESOURCES

Life on earth is depending on the goods and services are provided by the nature, which are known as natural resources. Thus water, soil, minerals, coal, forest, crops, and wild life are all example of natural resources. They may be of fallowing types

- **Renewable resources:** Wild life, wind energy, hydropower, etc.
- **Non-renewable resources:** These are fossil fuel, coal, petroleum etc

The natural resources the following types

1. **Water resources**
2. **Mineral Resources**
3. **Food Energy**
4. **Energy Resources**
5. **Land Resources**
6. **Forest Resources**

(1) FOREST CONSERVATION

1. **Awareness about Environment**
2. **Reforestation**
3. **Wild Life Conservation**
4. **Control Population**
5. **Control Livestock Population**
6. **Developing non polluting and renewable sources of energy**
7. **Control the emission of CFC, H₂S, SO₂ and other harmful gases in the environment**
8. **Biosphere reserve, National parks and Wild life sanctuaries control the losses of forest.**
9. **Mining, Hydropower plants should be sustainable.**
10. **Collection of soil, Bajri and stone should be prohibited in forest areas**
11. **Forest management also played very important role in forest conservation**

(2) WAETR CONSERVATION

Water is an essential commodity for survival. We need water for all activities of like, drinking, cooking, bathing, irrigation & for others industrial operations. Most of water for such uses comes from rivers, lakes & groundwater sources. The conservation of water is important for agriculture, industrialization, urbanization & other human activities.

1. **Decrease the runoff of water**

2. Reducing water evaporation
3. Reducing irrigation losses- By applying sprinkling irrigation
4. Reuse of water
5. Storing water in soil
6. Preventing wastes of water
7. Rain water harvesting
 - Traditional rain water harvesting- By using ponds ,lakes and manmade water bodies
 - Modern rain water harvesting-By using Top roof rain water harvesting

(3) MINERAL CONSERVATION

Minerals are available in limited quantity on earth due to exploitation are being depleted very fast. The conservation can be response by following steps.

1. By applying 3R patterns
 - a) Reduce- Minimize the wastes
 - b) Reuse – Try to reuse the wastes material
 - c) Recycle- Develop technology to recover the minerals
2. Developed the alternative sources of fossil fuel
3. Developed the renewable sources of energy
4. Research being carried out developed the substitute of gold, silver platinum and diamond

(4) LAND CONSERVATION

5. Land provide mechanical support for the flora and provide water and minerals for plants and animals. Conservation by following ways
6. Reforestation
7. Sustainable agriculture
8. Reduce the uses of groundwater in agriculture
9. Biofertilizers
10. Sprinkling irrigation
11. Reduce the causes floods
12. Mixed cropping