

A Study about Green Environment

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Abstract

In India, due to increase in population and rise in living standard and material standard of living we are placing a grate strain on the environment and its ability to support us. Action at the local level is needed to help to tackle global environment problems. Consumption of non-renewable resources, pollution of air, water and land and also damaging the wild life habitats are of increasing importance as planning consideration point of view. Those developments which have impacts on the environment may be irreversible (not able to reform) or which are difficult to undo must be treated with particular care.

Keywords: Green Belt, Landscape Quality, Nature Conservation, Water Resources, Pollution Control And Energy Resources, CDM

Introduction

This paper aims to reconcile the need for development with conservation of the Green Environment. This paper cover issues such as green belt, landscape quality, nature conservation, water resources, pollution control and energy resources. Green Environment is the range of habitats that supports plants and animals and which reflect geology, land reforms, climate and land use.

Green Belt

The Green belt is a country side and large open spaces where there is a general restriction against inappropriate development.

Development with Green Belt

In the Green Belt development will not be permitted except in very special circumstances like;

1. Leads to unrestricted Growth of the buildup area.
2. Contribute towards merging of existing settlements.
3. Lead to encroachment of urban development into the country side.
4. To comprise urban regeneration thus the Green Environment is maintained in the Green Belt area.

Nature Conservation and Development

The natural environment will be protected and enhanced. The design, siting and landscaping of development should respect and promote nature conservation and include measures to reduce any potentially harmful effects of development on natural features of value.

Development which would damage sites of special scientific interest or local nature resources will not be permitted.

Rural Economy and Agriculture

The development will not be permitted in the green environment region, otherwise it will result in:

- a) Permanent loss of the best and most versatile agricultural land or
- b) Seriously harming agricultural activities or the viability of a firm.

Effects over Utilization of Water on Green Environment

Due to the increased usage of ground water the ground water level decreases. When the ground water withdrawal is more than its recharge rate the sediments with aquifer get compacted which results in sinking of overlaying land surface which is called as ground subsidence. In coastal areas over-exploitation of ground water leads to rapid intrusion of salt water from the sea. Over-utilization of ground water leads to decrease in water level which causes earthquake and

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landslides. When the ground water level near the agricultural land decreases, the water containing nitrogen (nitrate fertilizer) percolates rapidly into the ground and pollutes the ground water.

Role of an Individual in Conservation of Natural Resources for Green Environment

Since resources may be exhausted, it is the duty of every individual on this earth to conserve the natural resources in such a way that they must be available for future generations also. Each individual should understand the importance of preserving the green environment which should be done by up-gradation of natural resources as well as afforestation of affected green belt forest area.

Effects of Environmental Pollution in the Green Environment

- The green environment pollution may be defined as the unfavorable alteration of our surroundings, which changes the quality of air water, and which interferes with the health of humans and other life on earth.
- The types of pollutants are biodegradable pollutants and non-degradable pollutants.
- The classification of green environment pollution includes air pollution, water resources pollution, soil pollution, marine pollution, noise pollution, thermal pollution and nuclear hazards.

Role of Central and State Pollution Control Boards in Preserving the Green Environment

- The control board advises the central government regarding the prevention of pollution and it plans for the prevention and control of pollution.
- It lays down standards for the well water and air.
- It identifies areas or industries causing air pollution to protect green environment.
- The state board advises the state government or any matter concerning the prevention and control of pollution for maintaining the green environment. It encourages research and investigations regarding pollution in controlling the green environment conditions.

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Clean Development Mechanism (CDM) in Protecting the Green Environment

CDM is an arrangement under the Kyoto protocol allowing industrialized countries with a greenhouse gas reduction commitment to invest in projects that reduce emissions in developing countries for maintaining the green environment.

The control measures to prevent acid rain, ozone layer depletion (ozone hole), nuclear accidents and holocaust to be properly taken as per regular check to preserve the green environment.

Conclusion

- The green environment should be created through formal and informal education to all sections of the society.
- The environmental awareness in school and colleges should be imparted to the students.
- The environmental awareness should be implemented through media like radio, TV, cinema and cable network and newspaper.
- The voluntary organization like rotary club, NCC and NSS should be effectively utilized for green environment awareness.
- The political leaders, cine actors and popular social reformers can make an appeal to the public about the green environment issues.

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