

CHAPTER 9: FORESTS & WILDLIFE RESOURCE

GEOGRAPHY



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CLASS 10th GSEB

Classification of Forests

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1. Types of Forests According to Administration



1 Reserved Forests

Government Controlled



2 Protected Forests

Usage by Local People



3 Unclassified Forests

No Restrictions

2. Types of Forests According to Ownership & Management

1 State Forests

Govt. Owned



2 Communal Forests

Managed by Local Bodies



3 Private Forests

Individually Owned





DEFORESTATION



1. 1. DEFORESTATION

- Deforestation means the cutting and destruction of forests.
- It is a global problem, not limited to one country.
- Although trees are destroyed naturally, human activities cause much more damage.



2. 2. IMPACT OF DEFORESTATION

1 Carbon dioxide increases in the atmosphere.



2 Greenhouse effect and global warming become stronger.



3 Soil erosion increases, reducing soil fertility.



4 Forest area has greatly reduced, especially in peninsular India.



5 Many plants and animals lose their natural habitat.



6 Wild animals move towards cities and villages in search of food and water.



7 Attacks by wild animals on domestic animals have increased near forest areas.





1. Find Alternatives to Wood



2. Replant Same Species Trees



4. Responsible Afforestation by Industries



5. Control Eco-Tourism



6. Public Awareness Programs

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3. Ban Cutting of Immature Trees

Remedies for Forest Conservation



8. Promote Social & Agro-Forestry



11. Remove Diseased Trees



9. Use Alternative Energy



11. Remove Diseased Trees



12. Prevent Forest Fires



13. Waste Management in Forest Areas



14. Separate Grazing Areas



15. Create Fire Control Force



Wildlife on the Verge of Extinction



1. Tigers Extinct in Gujarat



2. Cheetahs Extinct in India



3. Rare Birds Disappearing



4. Ganges River Dolphin In Danger



5. Decline of Sea Turtles



6. Water Birds Almost Extinct

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Reasons for Destruction of Wildlife

1 Habitat Destruction

Human Interference in Forests



2 Deforestation

Ecological Imbalance



5 Encroachment

Grazing & Farming



3 Poaching & Hunting

For Skin, Bones & Horns



4 Development Activities

Roads, Mining & Cities



6 Forest Fires

Destruction of Wildlife



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7 Human-Wildlife Conflict

Animal Attacks & Deaths





1. Cheetah

- Extinct in India
- Exists only in zoos



2. Elephant Project (1992)

- 26 Elephant Reserves
- Protects Elephants
- Manages Domesticated Elephants



3. Rhino Project

- Protects One-Horned Rhinos
- Rhino Vision 2020
- Assam & West Bengal



Important Wildlife Protection Projects

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4. Crocodile Project

- Saved Crocodiles
- Protected Alligators



5. Vulture Project (2004)

- Saved Declining Vultures
- 9 Vulture Species
- Environment Cleaners



6. Snow Leopard Project (2000)

- Protects Snow Leopards
- High Himalayan Regions





1 Kashmiri Hangul Project



2 Red Panda Project

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**Other
Wildlife Projects**



3 Manipur Brow-antlered Deer Project



4 Ganga Dolphin Project

1. Wildlife Sanctuary

- Limited human activities
- Grazing with permission
- Protects specific species
- Declared by government

Examples:

- Periyar, Chandraprabha, Eturnagaram



2. National Park

- Strict protection
- Multiple ecosystems
- No Human Activity
- Entire wildlife habitat

Sanctuaries, National Parks and Bio-reserves



- Examples: Kaziranga, Corbett, Gir, Velavadar, Dachigam

3. Bio-Reserve Zone

- Large Area (5000+ sq. km)
- Environmental & Cultural Protection
- Research & Training
- Restricted Entry
- Nilgiri, Sundarban, Great Nicobar, etc.

