

COMMON ENVIRONMENTAL ISSUES/PROBLEMS

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CAUSES OF BIODIVERSITY LOSS

- Subsistence farming/shifting cultivation;
- Unsustainable logging practices;
- Unsustainable mining practices;
- Construction of shelter in mangroves ecosystem;
- Unsustainable application of agrochemicals;
- Uncontrolled hunting/bush meat trade;
- Non-adhering to the rule of law

Impact of Biodiversity Loss

- Habitat destruction is a major cause of biodiversity loss;
- Biodiversity loss can have direct health impacts;
- Changes in ecosystem services affect livelihoods, loss of income, migration;

How To Prevent Biodiversity Loss

- Conservation practice;
- Policy and Legislation
- Political Commitment
- Public Awareness

TYPES OF ECOSYSTEMS IN LIBERIA

- Aquatic Ecosystem(s);
- Coastal and Marine;
- Mangroves;
- Terrestrial;
- Mountain ecosystem
- Dry Land and Savannah

Threatened Ecosystems in Liberia

- Forest Ecosystem;
- Wetland/Fresh Water;
- Coastal Marine Ecosystems

What Is Sustainable Land Management?

- Its use of technologies,
- policies and activities;
- It involves socio-economic principles with environmental issues to enhance production and sustainable land management;

TYPES OF DEGRADATION

- Removal of forest cover by subsistence agriculture;
- Shorter fallow period in the farming system;
- Unsustainable

SOCIAL-ECONOMIC BENEFITS

- SLM increases food security;
- Mitigate degradation and enhance soil fertility;
- Increases soil moisture
- Enhances primary production nutrient cycling;
- Conserve biodiversity at the farm through agroforestry, intercropping,
- Reconstitute carbon pool in soil and vegetation cover;
- Enhances ecotourism

CAUSES OF CLIMATE CHANGE

- Fossil fuels;
- Deforestation;
- Intensive farming
- Waste disposal
- Over-consumption

EFFECTS OF CLIMATE CHANGE

- Modify/alter conditions/cycles of plants and animals reproduction;
- Leads to scarcity of resources(food, water);
- Disappearance of many species (both plants and animals);
- Intrusion of alien invasive species etc;

MITIGATION-MEASURES

- Utilization of renewable energy sources;
- Energy and water-clean energy/sustainable consumption of water;
- Sustainable Transportation-promote public system;
- Sustainable agriculture and forest Management;
- Sustainable consumption

WHAT ARE OUR OBLIGATIONS?

- We want to live healthy;
- We want a healthy environment
- We want to live long

LET US FOLLOW

LET US FOLLOW SUSTAINABLE PRACTICES AS
DEFINED IN THE RIO DECLARATION



THANK YOU SO MUCH!