

Human influences on ecosystems

Food supply

Increasing production

Machinery Fertilisers Insecticides Herbicides

Selective breeding

Crops Livestock

Monocultures

Efficient Pests spread Low biodiversity

Intensive livestock

High output Welfare Disease Waste

Pollution

Sewage and fertiliser

Nitrates Disease microbes

Eutrophication **Supplement**

Algal growth Decomposers Oxygen falls Fish die

Plastics

Non-biodegradable Blockage Entanglement

Greenhouse gases

CO₂ Methane Climate change

Habitat destruction

Biodiversity

Number of species in area

Causes

Housing and farming Resource extraction Pollution

Altered food webs

Deforestation

Extinction Soil loss Flooding More CO₂

Conservation

Sustainable resources

Forests Fish stocks

Endangered species

Habitat loss Hunting Introduced species

Conservation methods

Monitoring Education Captive breeding Seed banks

Fish and forest methods **Supplement**

Quotas Closed seasons Replanting

AI and IVF **Supplement**

Why conserve **Supplement**

Biodiversity Nutrient cycling Genes

Low genetic variation **Supplement**