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1. Water Quality Terms

Water Quality Manual Outline

1. Water Cycle Drawing
2. Fresh Water Ecosystems
   1. Ponds-lakes-Resorvoirs
3. Lake formation

--Glacial

--Reservoirs

--Volcanoes

--Earth Quakes

--Fluvial

--Oxbow

ii. Lake Eutrophication

iii. Cultural Eurtophication

* 1. Rivers
  2. Wetlands

1. Functions

--habitat

--Nursery

--flood Control

--water storage

--ground water recharge

--filtration

--food production

--migration

ii. Values

--Recreation

--boating

--hunting

--fishing

--bird watching

--photography

--wild life viewing

--Aesthetics

iii. Characteristics (3)

--Hydrology

--Hydric soils

--Hydrophytic vegetation

iv. Plants

--cattails

--sedge grasses

--rushes

--lilies

v. Types of Wetlands

--marsh

--swamp

--bogs

--wet meadows

--riparian zones

--functions:

--slows erosion

--cools water

--filters water

--recreation

--habitat

--mitigation wetlands

--prairie potholes

vi. Great Salt Lake Video Notes

* 1. Aquifers

--Ogallala aquifer

--depletion

--water table

--cone of depression

1. Marine Ecosystems
   1. Oceans

--Drawing of ocean zones

--Oceans map

* 1. Salt Marshes
  2. Estuaries
  3. Coral Reefs
  4. Tidal Pools