



Local Overview

Concept: Water cycle

Keywords:

evaporation
condensation
precipitation



Local Overview

Concept: US water issues

Keywords:

hurricanes
Mississippi River basin
Gulf of Mexico dead zone



Local Overview

Concept: Australia water issues

Keywords:

cyclones
desert
Great Barrier Reef



Source and Storage

Concept: Water vapor

Keywords:

water droplets
evapotranspiration
clouds



Source and Storage

Concept: Water sources

Keywords:

well/bore
groundwater
river



Source and Storage

Concept: Water storage

Keywords:

dam
reservoir
swamp/wetland



Treatment and Distribution

Concept: Water distribution

Keywords:

water pipe
water faucet/tap
pump



Treatment and Distribution

Concept: Potable water treatment

Keywords:

filtration
chemicals
testing





Treatment and Distribution

Concept: Water delivery

Keywords:

water tower
gravity
water pipe



Usage

Concept: Household use

Keywords:

shower/bath
cooking
water faucet/tap



Usage

Concept: Agricultural use

Keywords:

irrigation
water trough
flooding



Usage

Concept: Industrial use

Keywords:

cooling
cleaning
hyrdo power



Disposal and Treatment

Concept: Water removal

Keywords:

stormwater drains
sewage pipes
gutters



Disposal and Treatment

Concept: Septic systems

Keywords:

septic tank/pit
septic field
infiltration/percolation



Disposal and Treatment

Concept: Sewage treatment

Keywords:

aeration
sedimentation
sludge



Environmental Impacts

Concept: Eutrophication

Keywords:

algal blooms
nutrients
dissolved oxygen





Environmental Impacts

Concept: Salinity

Keywords:

evaporation
salt intrusion
water table



Environmental Impacts

Concept: Sediment runoff

Keywords:

suspended solids/turbidity
runoff
erosion

