## Groundwater



## Wetlands

Wetland is an area where the water table is at, near or above the land surface long enough during the year to support adapted plant growth.

$>$ Swamp: a wetland dominated by trees
$>$ Bog: a wetland dominated by peat moss
$>$ Marsh: a wetland dominated by grasses

## Global Groundwater Resources



## Groundwater Recharge

 able to replenish groundwater varies from one place to another, mostly due to geology and climate.

GROUNDWATER RECHARGE RATE


The recharge rate determines how much of groundwater can be sustainably withdrawn for human use.

## Angle of Sunlight

Due to the Earth's curvature, the amount of sunlight (energy) reaching any given point on the surface varies greatly with latitude.


- Regions near the Equator receive most direct, that is concentrated Sun rays.
- At high latitudes, the same amount of the incoming Sun energy is spread over much greater area of surface.

Sun Belt deserts combine relatively low average precipitation with high moisture removal due to very effective evaporation.

