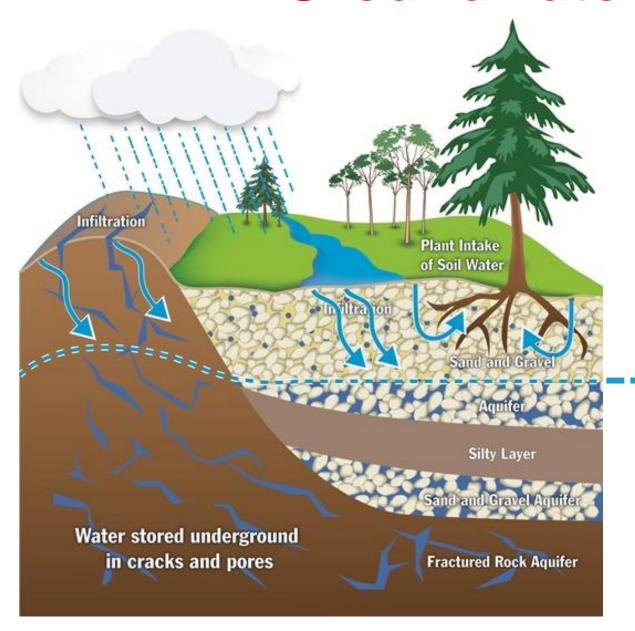
### Groundwater



About 1/3 of all freshwater on the planet is found underground.

Part air part water unsaturated zone

- Water table

Saturated zone: water fills all pores and cracks

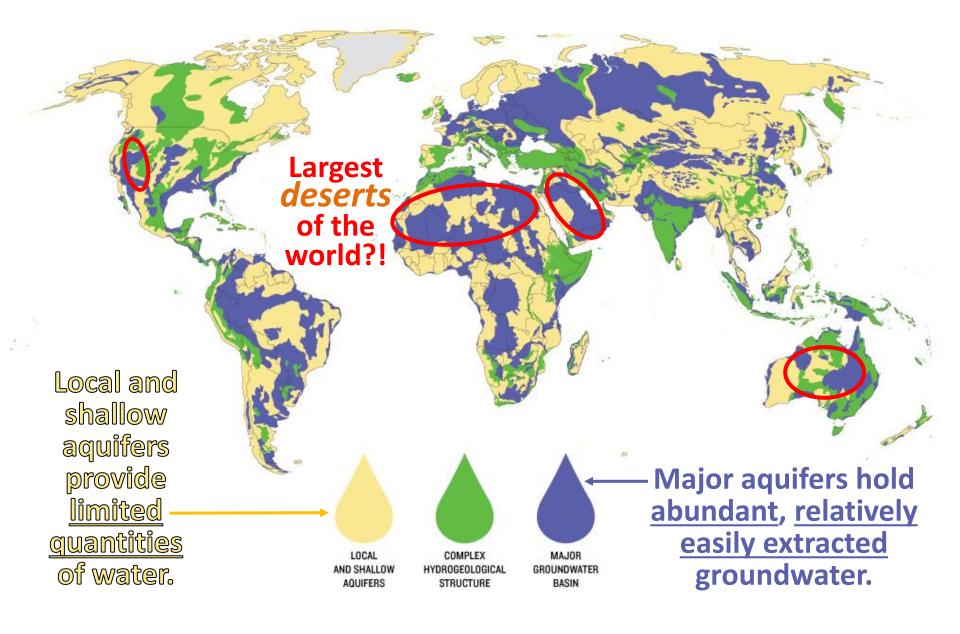
#### Wetlands

<u>Wetland</u> 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.

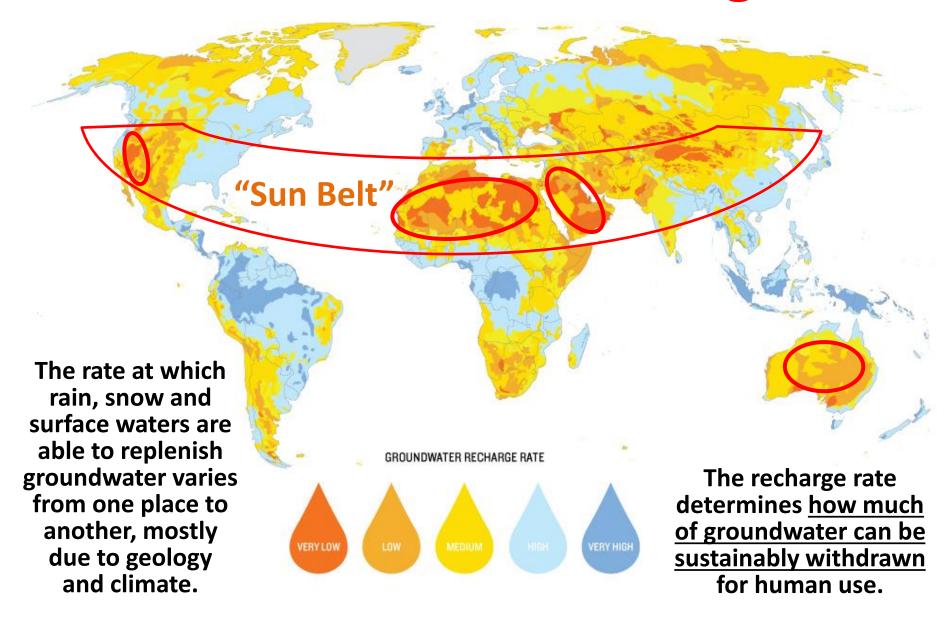


- > Swamp: a wetland dominated by trees
- **Bog:** a wetland dominated by peat moss
- Marsh: a wetland dominated by grasses

### **Global Groundwater Resources**

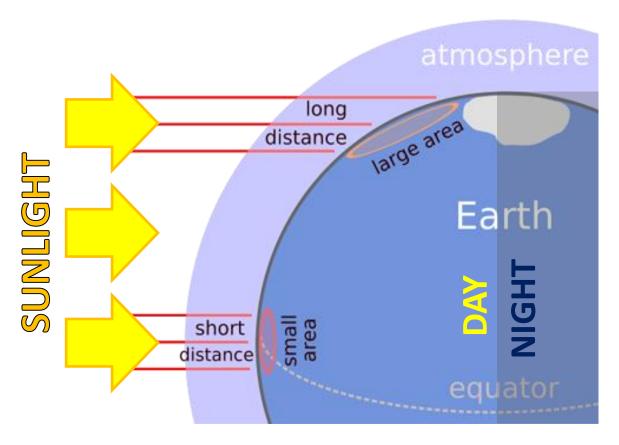


# **Groundwater Recharge**



# **Angle of Sunlight**

<u>Due to the Earth's curvature</u>, the <u>amount of sunlight (energy)</u> 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 <u>spread</u> over much greater area of surface.

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