



Ask a Geologist: Water Sustainability



About Me

Sean Stevenson

- Graduated from Rutgers with a degree in Geology in 2017
- Currently living in Florida working on Springs
- Favorite Rock: Banded Iron Formations
- Favorite Dinosaur: T-Rex





What is the definition of Sustainability?

Sustainability: The Ability to be Maintained at a Certain Rate or Level; Avoidance of the depletion of Natural Resources in Order to Maintain an Ecological Balance

Be able to keep it around for future generations





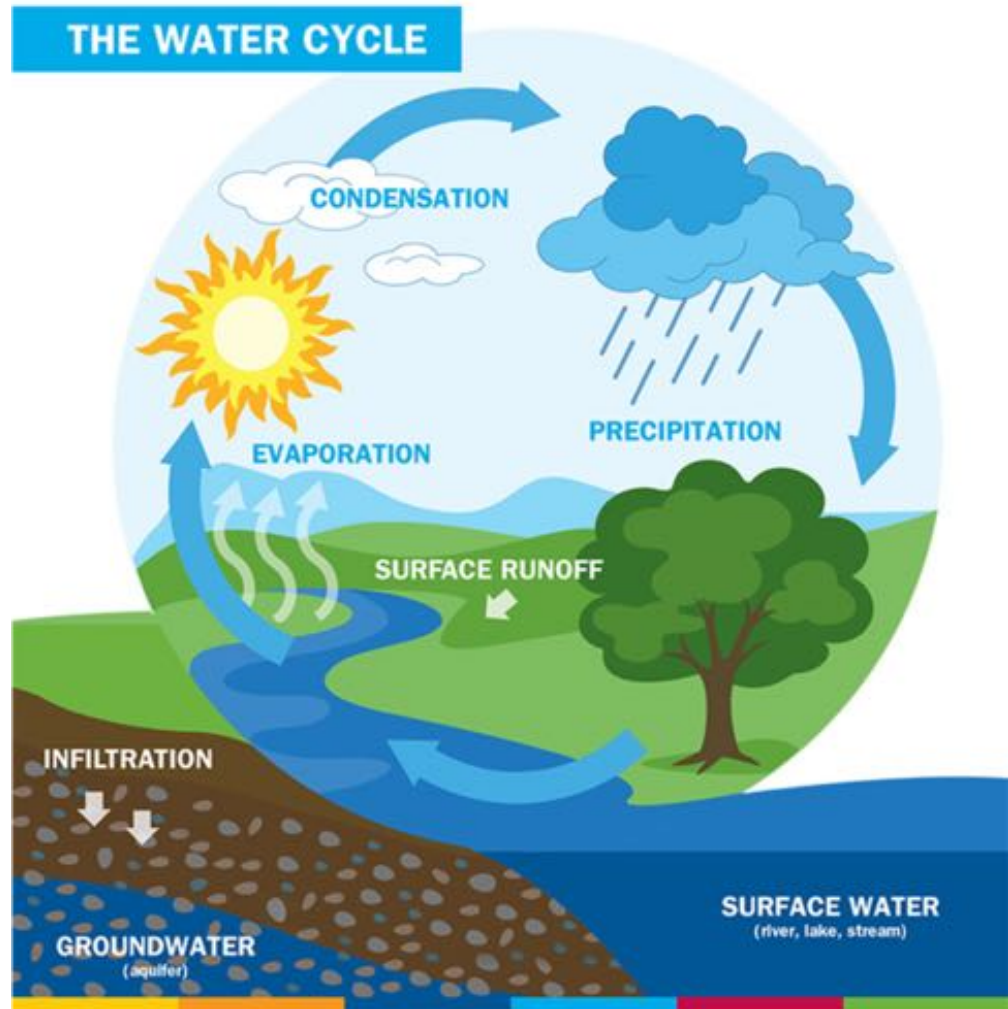
Where does Water Come From?

Most of the Water we use in our everyday life comes from the aquifer beneath our feet

That water is used in houses, farming, drinking, etc

Some areas use rainwater as well

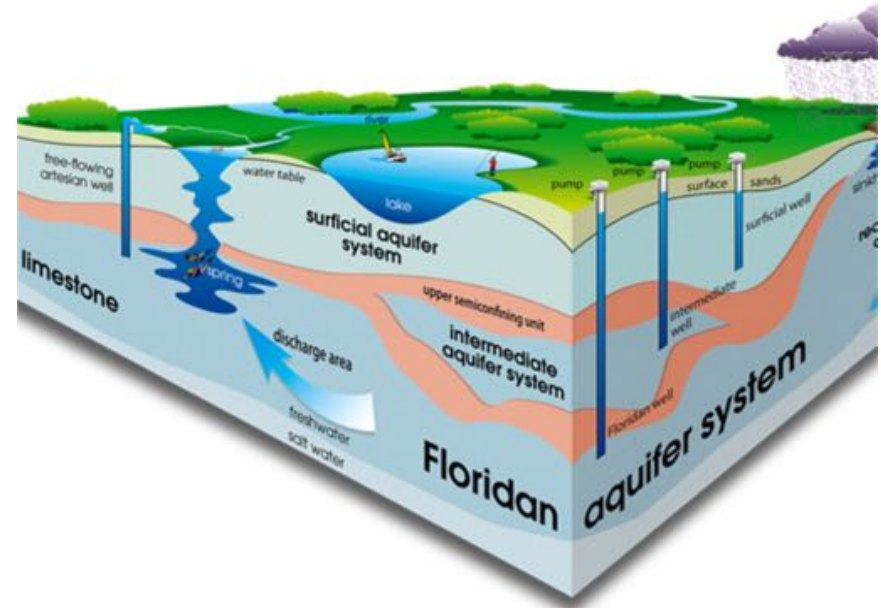
The Water Cycle





Aquifer

- Most of the water that we use comes from the Newark Group Aquifer
- An Aquifer is a rock that can move water underground for many years.
- The two main aquifers are the Coastal Aquifer and the non-Coastal Aquifer





Spring



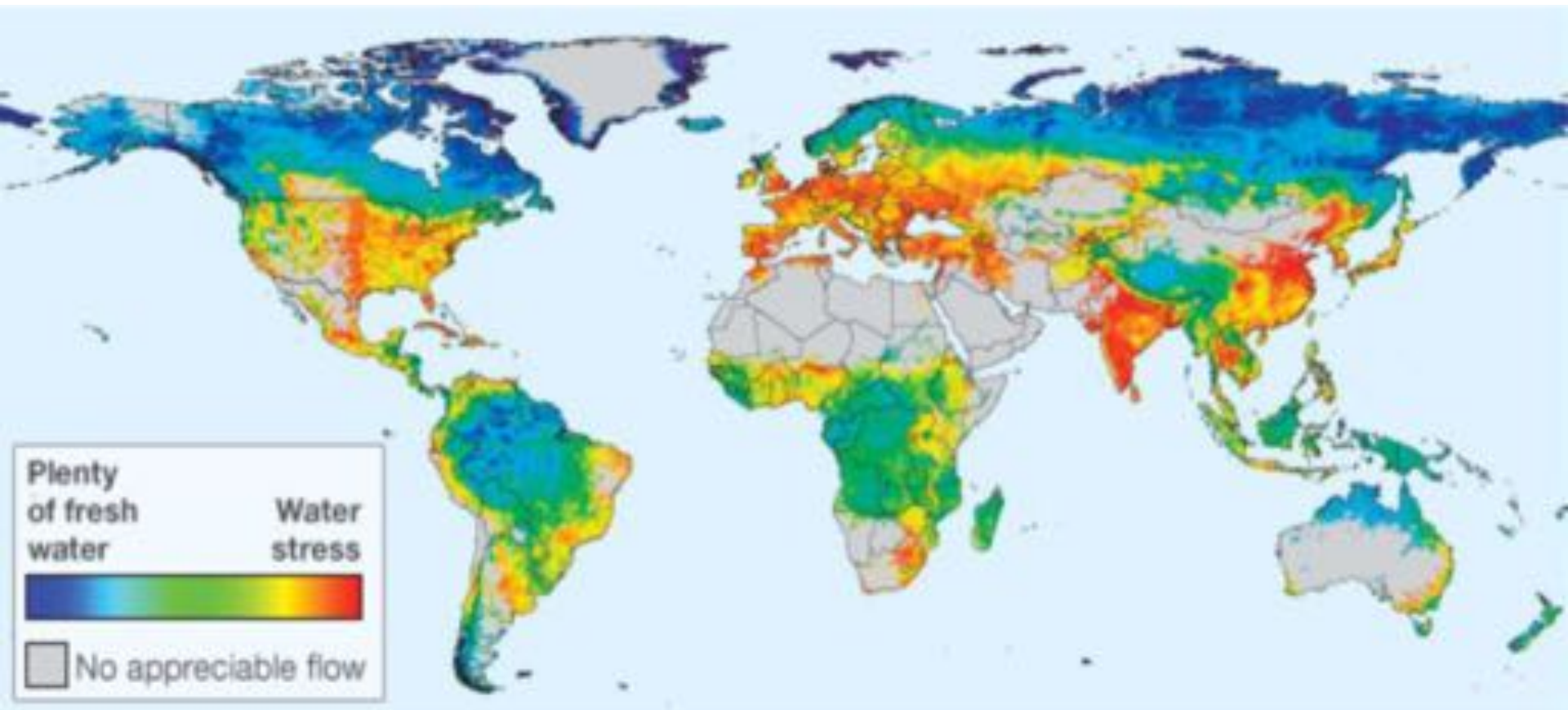


Why Do We Care?

Everybody needs water

Clean drinking water is tough and with a limited supply for everybody, we need to make sure that it will be around for future generations (Long after we are gone)

Only 3% of the world's water can be accessed





So What's Next?

We all have to be good stewards of water at the end of the day

Conserve water whenever possible

Keep Learning, no matter what you want to be at the end of the day