The Sound of Earth Crying

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Introduction

Water shortages as a result of extreme weather events, such as flooding and severe cold, have the potential to directly affect our lives. Water shortage is much like a lottery. Even though many people have access to water (buy a lottery ticket) very few people can access water that is drinkable (win the lottery).

As the total population in the world has been increasing over last several decades, the demand for water for agriculture, energy, industry, and domestic sectors has also grown.

What can we do to address the problem?

Quiz

How much usable water left on the Earth?
Only 2.5 percent of all water on earth.

How much water do we use a day? (per person)
80-100 gallons a day.

How much water do we use for a shower? (per person)
17.2 gallons a day

Is water infinite?
No

Case Study 1

A cry of earth for help finally reached us at Michigan State University’s Broad Art Museum in 2016. You could hear “The Flint water crisis is still here, I don’t understand why this isn’t clear” or “I am shocked that a city in the United States of America can have unsafe water in 2016” through pines.

In this area, switching its water source from Lake Huron to the Flint River in 2014 caused poor water quality. This project was the first step for us to realize a teardrop of earth.

Case Study 2

To promote clean water, a public advocacy organization in the Philippines has been trying to change a situation by using polluted water from Manila river to create water artwork. Those artworks made from the polluted river wake our interest and attention to water on earth. And then, beautiful water artworks have been created.

References


https://www.nrdc.org/onearth/words-flints-anguish-flow-water-through-these-pipes

https://www.trendhunter.com/trends/water-artwork

https://www.livescience.com/29673-how-much-water-on-earth.html


If you connect tempo to represent the water shortage, you can hear what earth’s crying sounds like!

1. Pick a country out of the map.
2. If a color of the country you chose is...
   - Dark blue, BPM 40
   - Blue, BPM 80
   - Light blue, BPM 120
   - Yellow, BPM 160
   - Orange, BPM 200
   - Red, BPM 300
3. Apply the BPM for the metronome. ➤
4. Press the Play bottom ▶ and hear the sound of teardrop of earth.

*BPM: Beat Per Minute