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English

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A trickle of water

Agony, pain, a scream in the night, then all is silent, a child dies, because of that cup of water, the water they drink to stay alive, but there is something in that water slowly killing hundreds. 55.3 million people die each year, 151,600 die each day, 6,316 die each hour. How many of these people die from unclean water? 8 million die each year, because of a water based diseases. And that does not include lack of water deaths. How can we make a difference? How can we find clean water, and save those who are suffering of pain? Although our universe has found remarkable ways to find, and clean water, we are still struggling and we need to find a magnificent way to make water better for everyone. For years we have searched for new ways to find water and we are still searching today.

Water is hard to find, and it is limited to those who need it. We might have water right now but what about in 5 years, or 20 years? We waste so much, because we think nothing about it. While we have the luxury of water given to us within seconds, people in 3rd world countries have to travel far to find water that's not even clean. Let's think about it nearly 70% of the world is covered in water, but only 2.5% is drinkable, the rest is salt, and ocean based water. People think that water is never ending, but it will run out one day, the wells will go dry. But there are

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ways that we can prevent that by saving water. We can take shorter showers, and put more clothes in the

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washer when cleaning, or making sure that the dishwasher is all the way full. By saving water we are helping make the world a better place. But there are bigger problems than wasting water. While people in america have settled in places near water. People in 3rd world countries have no choice but to travel to find water. Some girls can't go to school because they spend all day traveling to bring water home for their family. For cooking, cleaning, and for drinking water. But this water is not clean, it is dirty and has bacteria in it. They have come up with new ways to help filter water so it is cleaner. For those in 3rd world countries that don't have a lot can make water somewhat clean by filtering it through mesh like material, and sponges.

Water is being developed in so many different ways finding new ways to filter the water they find in different countries. And they have found a way to filter ocean water so it is clean to drink. To a new type of water matter it is unlike any other gas, or liquid, or solid it is made out of water molecules. In the future they want to find new ways of water. Like cleaning the ocean water, and finding new ways to transfer water to those who needs it. And we can all help by saving water and helping fund money to clean water. Hays (2016) *ORNL researchers discover new state of water molecule*. Retrieved from https://www.ornl.gov/news/ornl-researchers-discover-new-state-water-molecule Richards (1991) *Water history H2O- The mystery, art, and science of water*. Retrieved from http://witcombe.sbc.edu/water/history.html APEC (2013) *THe history of clean drinking water*. Retrieved from http://www.freedrinkingwater.com/resource-history-of-clean-drinking-water.htm Politi (2016)2016 Olympics http://nl.com/ The ocean cleanup (2016)*The ocean cleanup* Retrieved from https://www.theoceancleanup.com/ Martin (2013) Biological filtration the future of drinking water treatment http://www.wateronline.com/doc/biological-filtration-the-future-of-drinking-water-treatment-000 1 Thomas (2015) *Key consideration for biological Drinking water treatment*

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