

I know some stuff about my project beforehand such as the fact that you can get salt out of water with the methods. The reason I thought of this project was to find out how I can use the ocean's water to drink. It also came from a fear of being stranded on an island without any clean drinking water. I want to prove that if you were on an island then you can get purified salt-water. So people get stuck on an island they have a way to live.I need to know how to keep people alive after fresh water runs out. I need to know also what easy ways you can purify salt-water. *The problem in my experiment is that we will not have freshwater in the future and we will have to use salt-water and turn it into freshwater. I think that boiling will do the best at getting salt out of water. To do this experiment I boiled the water and put a container to catch the water after. I also did the same for evaporation except without boiling. For freezing I put water In a container with salt mixed into the water. I found out that boiling worked the best with a measurement of 0% salt concentration after and freezing was the worst with 26%. Boiling was the best because it got all the salt out very quickly while freezing didn't get all the salt out. Evaporation was the middle with 0% salt concentration because it did get all the salt out but it took 4 days.*