ScrAPES Week 3 Man Mai

Hot Brines Deep Underground Could Store CO2 and Generate Energy

Most people are aware of the climate change due to CO2 but do not do anything. It has been recently discovered that a technology could produce large amounts of energy for very little money and reduce greenhouse gas emissions and fit well into the country's existing industrial world . A system that injects CO2 into hot brine brought to the surface from deep underground could make CO2 storage economical by providing geothermal energy and methane for fuel. The CO2-laden brine would be sent back down for permanent storage. Calculations show that enough deep brine exists along the U.S. Gulf Coast to store 1/6 of the country's CO2 emissions and to meet 1/6 of its demand for natural gas annually.

I find this intriguing because its a new way to reduce the burning of fossil fuels and reduce the amount of CO2 released into the atmosphere. If this could be put into action, the results could be extremely good. If this were to be implemented into our country, there would be a way to reduce CO2 emissions while saving money and completely stopping the coal industry.

THe next steps of this new discovery would be to start planning how much it would cost, where to place it, and the possible effects of the surrounding environments. Although this may be costly, I believe that it will be worth it for whoever is willing t put their time and money into this idea. Once one country does this, the others will follow suit and CO2 emissions will be lowered, meaning fresher air and a fresher life.