

**Problem Definition:** What we are thinking of solving is the fact that there are states that are in drought and states that are always flooding.

**Problem solution:** What we are planning on doing to solve the water crisis is to create a pipe that can drain water from a very flooded state to a drought state. We also thought that, when it passes through farms, there could be minor water dispensing holes that occasionally water the crops.

**Benefit:** While it may be costly, it will help countless people, and it is not going to be as costly as trucking water to another state. Plus, the government will benefit greatly when the water is transferred to another state. In drought-ridden states, many people would move out to go to a state with water, and in flooded states, houses will become flooded, people will drown, and others will also move out to a state that doesn't flood.

**What we will do for coding:** What we will do for coding is to make two "lands" in which one is flooded and has many "raindrops" with a drain that sucks it up and releases into the drought-ridden "land" through another drain.

**Expected results:** We expect that we should be able to code our idea correctly and prove that this idea will not cost too much. We expect that drought-ridden states and flooded states should both be able to gain something from the pipes; less deaths, less house destructions, and more water going around.