**IF I COULD INVENT SOMETHING NEW**

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Rain is a blessing to humanity, but when it is too much, it becomes a serious of concern as it results in flood. The population of this country is getting bigger and bigger every day. Climate change which has resulted in excessive rainfall is the major cause of floods. In Nigeria, poor environmental planning and inadequate waste disposal systems in both urban and rural areas cause flood. The states at high risk of getting flooded in Nigeria are: Adamawa, Akwa-ibom, Anambra, Bauchi, Bayelsa, Benue, Borno, Cross River, Delta, Ebonyi, Edo, Imo, Jigawa, Kaduna, Kano, Katsina, Kebbi, Kogi, Kwara, Lagos, Nasarawa, Niger, Ogun, Ondo, Osun, Oyo, Plateau, Rivers, Sokoto, Taraba, and Yobe. Imagine over half of the country being at high risk of flood. These states experience an unimaginable amount of flood during the rainy season which leaves people homeless and could also lead to loss of lives and livelihood. What if all these states have water reservoirs that could store that excess water and distribute it? That would save a lot and it would help both the government and the citizens.

If I could invent something, it will be a special reservoir for storing and distributing water. The reservoir will be able to store the excess rain water which could be used for irrigation farming. The people in rural areas will also have pure water to drink and for other domestic uses. The reservoir will have many pipes which will take the water through a filter then into large water storage systems. The systems should be able to store the water for at least 6 months and will be able to serve a lot of communities. This will reduce the cost of alternative water supply like digging of boreholes.

In order to prevent overflowing, the reservoir will have mini dams which will be channeled to one another. When the mini dams are full, the water would be stored in large tanks which can be used for domestic purposes. For farmers, a pipe will be channeled from the reservoir to their farmlands to ease irrigation. For people living in cities, a water distribution system will be installed to supply water.

The novelty of my invention is the use of an automated system such as satellite-based tracking to determine the groundwater level. If the water level is low, it will prompt the reservoir to open and release water and then close it when the water level is high. That way, we will be able to conserve water.

The use of this water reservoir will help reduce flood and will also help both the government and citizens of Nigeria. I am optimistic that if this comes through, problem of flooding in Nigeria will be a thing of the past. By the grace of God, when I grow older, I will fulfill my dream.