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COURSE TITLE: WATER AND WASTEWATER ENGINEERING

1. Optimization of wastewater in Nigeria

##### water pollution by wastewater can cause significant negative impact on the aquatic sustainability. Hence, accurate modelling of this treatment system and its cost-effective treatment and reuse decision is very important because this optimization process is related to economic expenditure, societal health, and environmental deterioration. In order to optimize this complex system, consider three treatment or reuse options such as micro screening filtration, nitrification, and fertilization-oriented irrigation on top of two existing options such as settling and biological oxidation. The objective of wastewater optimization is to minimize the economic expenditure of life cycle costs while satisfying the public health standard in terms of groundwater quality and the environmental standard in terms of water quality. wastewater optimization reduces the occurrence of problems, protects the environment, ensures regulatory compliance, and saves you money.

##### Treatment of waste water in Nigeria would increase the amount of water available for distribution and also proper wastewater treatment will increase the quality of water available for use. I would recommend that finances be put into the construction and maintenance of wastewater treatment plant.

1. Environmental health workers and water engineers have a crucial role to play in tackling the issue of Covid 19. discus your opinion on this in four sentences.

Environment health workers are charged with the responsibility of educating the public on the Importance of personal hygiene while preventing and managing the Covid 19 pandemic. They are responsible for fumigating and disinfecting the environment to curb the spread of the virus. water engineers are in charge of making sure that the water is safe for consumption and that the water is not used as a medium to propagate the spread of the virus.