



# AL-MUSTAQBAL UNIVERSITY COLLEGE WATER CONSERVATION POLICY



Water scarcity is a pressing challenge both for urban and rural communities in Iraq. Climate change is an increasingly challenging prospect to water supply and resources; therefore, Al-Mustaqbal University college has set a policy that requires both staff and students should follow to achieve water conservation. The college views water from four inter-related dimensions of efficient dimensions of efficient conservation, responsible consumption and restoring and retaining surface and groundwater.

## **FUNDEMENTAL ONE: WATER NUETRALITY BY 2030**

- All buildings constructed or under construction should be fitted with water-efficient fixtures.
- Ensuring a 100% treatment and recycling of greywater and 50% of sewage by 2030. Sewage will be treated by state-of-the-art technologies that ensure an efficient recycling process.
- Rainwater should be harvested using efficient methods to implement water neutrality.

## **FUNDEMENTAL TWO: WATER METERING**

- Increasing the number of water meters to identify the areas in which water usage is the greatest.
- Taking special attention to improve water governance by building awareness among staff, students, and implementing constant maintenance procedures to minimise waste.

## **FUNDEMENTAL THREE: WATER STORAGE:**

- By 2030, all conserved water that is in excess from need should be stored through ponds, wells and tanks. Seeking methods that minimise the evaporation of stored water is highly recommended.

## **FUNDEMENTAL FOUR: RESEARCH AND AWARENESS**

- Water conservation education to all the stakeholders.
- Research and implementation of practices that promote efficient water use.
- Provide incentives to students and teachers for efficient water use and conservation.
- Provide training on adopted water conservation measures by the college to all students, and staff of the college and nearby communities and local authorities.
- Ensure awareness about the water conservation policy of the college among all staff and students.

## **FUNDEMENTAL FIVE: PREVENTION OF WATER POLLUTION ON CAMPUS**

- washing should be done using non-toxic materials.
- The prevention of throwing litter, chemicals or solvents into sewer drains.
- Annual inspection of the campus septic systems.
- Prevention of pesticide and fertilisers seepage into water systems.
- The constant look for new methods for preventing water pollution.
- Constant testing of water used on campus for any existing pollution.

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