SDG 6



Indicator 6.5.6

Promoting Conscious Water Usage On Campus

Misr International University actively promotes conscious water usage. By recycling approximately 225 cubic meters of wastewater daily for irrigation, the university significantly reduces its reliance on fresh water for landscaping, demonstrating a clear commitment to environmental sustainability and water security

Wastewater Treatment and Recycling	The primary evidence of conscious water usage is the university's closed-loop system for irrigation, which minimizes the waste of fresh water. • **On-Site Treatment:** All wastewater generated by the university is diverted through a private sewage network directly to an on-site sewage treatment plant. • **Daily Capacity:** This treatment plant operates with a capacity of **225 cubic meters per day**. • **Recycling for Irrigation:** The facility converts sewage water into treated water suitable for irrigation. This recycled water is actively used to irrigate the green spaces across the campus.

	• **Supplemental Resources:** To ensure green spaces are maintained without depleting potable water reserves, the recycled water is supplemented daily by a dedicated line from the "Orabi Station" source. • **Professional Management:** To ensure efficiency and safety, the station is operated and managed under a contract with a leading company specialized in this field.
Potable Water Storage and Infrastructure	The university has invested in substantial infrastructure to manage fresh water efficiently and hygienically. The "Station 2" facility includes the following: • **Underground Storage:** A concrete underground tank with a capacity of **220 cubic meters** for drinking water. • **Surface Storage:** Six additional surface tanks with a total combined capacity of **120 cubic meters** of drinking water. • **Network Integration:** All tanks are connected via a linking network to ensure consistent distribution. • **Maintenance and Safety:** Periodic purification and cleaning operations are conducted for all tanks to maintain water quality. Both Station 1 and Station 2 were designed by a specialized consulting firm to ensure optimal operation