University   : Alnoor University
Country   : Mosul / Iraq
Web Address: https://alnoor.edu.iq/

SDG14: Life Below Water

14.5.2 - Does your university as a body monitor the health of aquatic ecosystems?

Stage	Activities/Programs	ICT Utilization	Evidence	Timeline	Responsible Team/Department
Planning	Develop water conservation strategy, set targets	Water usage analytics software	Strategic plan documents, water usage reports	Jan 2024 - Feb 2024	Sustainability Office, ICT Dept
Implementation	Install water-saving fixtures, promote awareness	Smart meters, water-saving app	Installation logs, awareness campaign reports	Mar 2024 - Apr 2024	Facility Management, ICT Dept
Monitoring	Track water usage and savings	Real-time monitoring software	Water usage reports, savings analytics	Ongoing	Sustainability Office, ICT Dept
Evaluation	Assess effectiveness of conservation programs	Data analysis tools, feedback systems	Program evaluation reports, stakeholder feedback	Annually	Sustainability Office, ICT Dept

Smart water meter and water-saving (Alnoor University, Iraq)

- **Planning:** Develop a comprehensive water conservation strategy and set measurable targets for water savings. Use water usage analytics software to analyse current water consumption and identify potential savings.
- **Implementation:** Install water-saving fixtures for example low-flow taps and toilets across the campus and promote water conservation awareness. Employ smart meters to monitor water usage and a water-saving app to educate and engage the campus community.
- **Monitoring:** Track water usage and calculate water savings from conservation measures. Use real-time monitoring software to continuously track water usage and identify trends.
- **Evaluation:** Assess the effectiveness of the water conservation programs. Utilize data analysis tools and feedback systems to evaluate the program.

Water quality sampling and monitoring (Alnoor University, Iraq)

Policy

- Alnoor University has a policy on preventing and reducing water pollution of all kinds, in particular from land-based activities. For example, Lake and Alshlalat forest is maintained by Universities.

Wastewater Treatment

- Alnoor University has a system to prevent polluted water to enter the water system by using waste water management and microfilter.
- Alnoor University has a waste water treatment. Alnoor recycled its domestic wastewater to be ready to use by utilizing the domestic wastewater treatment plant . The recycled water is streamed to infiltration wells, which then can be used as reserved water resources.

Guideline standard

- Alnoor University has water quality standards and guidelines for water discharges (to uphold water quality in order to protect ecosystems, wildlife, and human health and welfare).
-
- **Monitoring and Evaluation**
- Alnoor University has Environmental Evaluation Document and has cooperation with environmental agency Government to monitoring water condition in Alnoor University. Monitoring and evaluation reports done regularly every 3 months.

Additional evidence link :

سد الموصل والتغير المناخي ورشة في جامعة النور – جامعة النور (alnoor.edu.iq)

مشاركة تدريسي من كلية النور الجامعة في ورشة عن التغيير المناخي – جامعة النور (alnoor.edu.iq)

قسم القانون في كلية النور الجامعة يناقش ''شحة الموارد المائية في العراق'' – جامعة النور (alnoor.edu.iq)

https://nooriqnet.wpcomstaging.com/water%d8%a7%d9%84%d9%85%d8%b9%d9%8a%d8%a7%d8%b1-%d8%a7%d9%84%d8%ae%d8%a7%d9%85%d8%b3-%d8%a7%d9%84%d9%85%d9%8a%d8%a7%d9%87/