6.5.7 University actively promote conscious water usage in the wider community

Alexandria university actively promotes conscious water usage in the wider community by supporting environmental management initiatives, conducting scientific studies on coastal ecosystems, and engaging the public in reducing water pollution and protecting shared water resources. Through community cleanup campaigns, awareness programs, and partnerships with local and international organizations, the university enhances regional sustainability, strengthens environmental protection, and encourages practical solutions that improve water quality and support long-term water security.

The university's central laboratory and specialized research facilities perform chemical and physical analysis of water quality in accordance with internationally recognized standards, ensuring effective environmental monitoring and protecting surrounding ecosystems. Community initiatives, including coastal cleanup campaigns, marine conservation activities, and environmental awareness programs, further strengthen the university's contribution to protecting aquatic environments, reducing pollutants, and promoting sustainable water management and resource conservation.

Researchers at Alexandria University are working on studies aimed at protecting and preserving the marine environment located close to the university's campus. Their research likely involves efforts to prevent pollution, protect marine biodiversity, and maintain the health of the coastal ecosystem. The focus is on ensuring that the nearby marine environment remains sustainable and unharmed by human activities or other environmental threats.





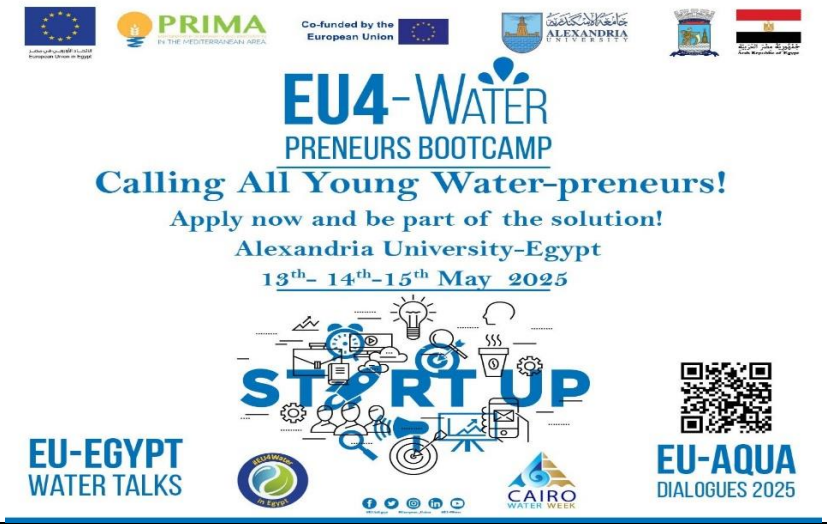
Water Quality Parameters Testing Program by Alexandria Water Resilience – Center of Excellence:
Intensive 5-day program, with the participation of 14 students from the Civil and Environmental Engineering program at the Faculty of Engineering, Alexandria University. This program equipped the participants with valuable knowledge and skills to master the tools and techniques used in the water analysis laboratory. Throughout this program, the students delved into the

essential water quality parameters and their significance, gaining the required skills of proper testing procedures and techniques and understanding the role and importance of the different equipment present in the laboratory.
Beyond the laboratory bench, the students have also embraced the understanding of the importance of safe and reliable water resources and the importance of compliance with regulations and standards to ensure public health and ecosystem protection.





Centre of Excellence for Water at Alexandria University Organizes Workshop on Relationship between Water, Energy and Food in Cooperation with the Arab Water Council:
The workshop aimed to deepen the comprehensive understanding of the interrelationship between these three resources (water, energy and food), highlight the challenges they face, and propose sustainable solutions, and the latest developments in this field, exchanging creative ideas, and enhancing cooperation between industry and academic institutions.



the Water Entrepreneurship Training Program in Cooperation with the European Union titled "Youth in Water: Shaping the Future" (EU for Water In Egypt Aqua Dialogues) May 2025:

young participants focused on water challenges and discussed various topics, including:

- 🔷Global trends in the water sector
- 🔷Climate adaptation and resilient water solutions
- 🔷Entrepreneurial mindset and innovation
- 🔷Circular water economy & non-conventional water resources
- 🔷The role of AI, tech, and digital tools in water management