



الجمهورية الجزائرية الديمقراطية الشعبية
Democratic And Popular Republic Of Algeria
وزارة التعليم العالي والبحث العلمي
Ministry of Higher Education and Scientific Research
جامعة عباس لغرور - خنشلة
University Khenchela - Abbés Laghrou



SDG14 Life Below Water

14-04 Disposal of Water-Sensitive Waste

14-04-03

- Does your university as an institution have a policy to prevent and reduce marine pollution of all kinds, especially from land-based activities?
- Yes, the University of Khenchela possesses research capabilities and advanced scientific expertise that contribute to preventing and reducing water pollution of all kinds, through its teams specialized in environmental engineering, water treatment, and developing innovative techniques for waste management.

Despite the absence of a documented official policy specific to the campus, the University of Khenchela possesses research capabilities and advanced scientific expertise that place it at the forefront of institutions capable of developing and applying these standards, through:

- **Research expertise in water governance:** The research by Dr. Mohamed Gabouch and Dr. Ajali Dalal on "Dam Water Governance" shows the university's possession of expertise in standard analysis and water resources management at the national level, which enables it to develop internal policies based on scientific foundations.
- **Advanced technology in water monitoring:** Research Team 4 (Applied Geomatics) led by Dr. Aouidane Laiche possesses unique expertise in using artificial intelligence and geographic information systems to design predictive models for groundwater quality, which are techniques that can be directly applied to monitor wastewater at the university.
- **Engineering capabilities:** The Civil Engineering Department provides the necessary competencies in the field of water treatment and waste management, allowing the design and implementation of practical solutions such as establishing an internal treatment plant.