



UNIVERSITY OF EL-OUED

Report on the United Nations
Sustainable Development Goal 14:
Life Below Water



This report highlights the University of El Oued's support for SDG 14, focused on conserving marine ecosystems.

Progress Report on SDG 14: Life Below Water at the University of El Oued

Introduction

Sustainable Development Goal 14 (SDG 14), "Life Below Water," emphasizes the conservation and sustainable use of aquatic resources. Although the University of El Oued is located in an inland region, it contributes to aquatic ecosystem conservation and sustainable water resource management through its teaching programs, research, educational outreach, and community collaborations.

This report highlights how the university's efforts align with SDG 14 indicators, referencing relevant programs and policies supported by research and partnerships.

Supporting Aquatic Ecosystems Through Education

1. Educational Outreach on Freshwater Ecosystems

The university provides comprehensive education on freshwater ecosystems, focusing on water management and conservation. The **Department of Hydraulics** offers two notable specializations:

- **Hydraulic Resources Management**: Addressing sustainability in water management.
- **Hydraulic Engineering**: Offering innovative approaches to irrigation and water ecosystem conservation.

Supporting Aquatic Ecosystems Through Action

1. Research on Freshwater Ecosystem Preservation

The university conducts research aimed at preserving aquatic biodiversity and mitigating water pollution. Research themes include:

- Advancing water reuse systems to minimize waste.
- Implementing efficient irrigation techniques to preserve aquatic habitats.

References:

3. Collaborative Efforts in Watershed Management

The university collaborates with local stakeholders to implement watershed management strategies, contributing to improved aquatic biodiversity and reduced pollution. These efforts align with Algeria's national water resource management policies.

University Operations and Policies

1. Plastic Waste Reduction

The university has implemented an action plan to minimize plastic waste, directly reducing pollution risks to aquatic systems.

2. Monitoring Aquatic Ecosystems

Monitoring activities focus on water quality and ecosystem health. Faculty members conduct regular assessments of aquatic systems, including water chemistry and biodiversity metrics.

3. Collaborative Ecosystem Management

The university works closely with local authorities and environmental agencies to protect shared aquatic ecosystems, engaging communities in stewardship programs.

Conclusion

The University of El Oued's commitment to SDG 14 underscores its dedication to the sustainable management of aquatic ecosystems. Through education, research, and operational practices, the university plays a vital role in preserving water resources and raising awareness about aquatic conservation. Its contributions demonstrate the institution's dedication to global sustainability efforts while addressing local challenges in water resource management.

