



# 14 LIFE BELOW WATER





### **14. Life Below Water**

#### **14.1. Aquatic Ecosystems Education Support**

**(Fresh-Water Ecosystems Education Outreach, Sustainable Fisheries and Aquatic Tourism Awareness)**

Palestine Ahliya University (PAU) is committed to promoting the importance of aquatic ecosystems by raising awareness and providing education on the conservation of freshwater and marine resources. This include:

- Launching awareness campaigns to educate the university and local community about the importance of aquatic ecosystems and their role in environmental sustainability.

#### **14.2. Aquatic Ecosystems Conservation Action**

**(Marine Resource Conservation Events, Aquatic Ecosystems Protection Research and Development)**

PAU is committed to actively conserving aquatic ecosystems by supporting research and initiating conservation projects. Key actions include:

- Collaborating with government agencies to align University activities with national and local conservation strategies.
- Offering grants for innovative faculty and student research on water resource protection and aquatic ecosystem conservation.

#### **14.3. Marine Resources Sustainability and Waste Disposal**

**(Water Quality Standards for Waste Discharge, Plastic Waste Reduction Action Plan, Sustainable Aquatic Food Sourcing)**

PAU is dedicated to reducing marine pollution and ensuring sustainable management of marine resources. Key measures include:

- Enforcing strict water quality standards for waste discharge to minimize environmental harm.
- Implementing a plastic waste reduction plan that emphasizes recycling, reusable alternatives, and campus-wide awareness.

#### **14.4. Local Aquatic Ecosystems Stewardship**

**(Aquatic Ecosystems Health Monitoring, Watershed Management and Community Collaboration)**

PAU is committed to the stewardship of local aquatic ecosystems by monitoring their health, fostering community collaboration, and advancing watershed management practices. Key actions include:

- Regularly assessing the health of aquatic ecosystems and providing actionable insights for conservation efforts.





## Sustainability Report 2024



- Partnering with local communities and organizations to support biodiversity conservation and sustainable water management.

### 14.5. Strategic Key Performance Indicators (KPIs)

SN	KPI	2021/2022	2022/2023	2023/2024
1.	Freshwater Education Programs	91%	93%	96%
2.	Fisheries Awareness Events	87%	89%	92%
3.	Marine Conservation Events	86%	88%	91%
4.	Water Quality Compliance	95%	97%	100%
5.	Sustainable Aquatic Food Rate	91%	93%	96%
6.	Watershed Projects with Communities	89%	91%	94%

### 14.6. Activities and initiatives achieved (2023/2024)

SN	Activities / Initiatives	Link
1.	Awareness to be done	

### 14.7. SDG Scientific Research (2023)

SN	Article Name	Link
1.	Khattab, M., Jaradat, O., Hachemi, S., Suleiman, H., Benzetta, H., & Shakarna, M. (2024). An experimental study on the use of waste marble as replacement of aggregates and cement in construction material. Innovative Infrastructure Solutions, 9(7), 269.	<a href="#">GO</a>