



Port Said University Policy on Preventing and Reducing Marine Pollution from Land-Based Activities



Initiated: 2022

Reviewed: 2024

Policy Overview

Port Said University (PSU) recognizes the critical importance of protecting marine ecosystems and preventing pollution that affects marine life, coastal communities, and public health. This policy establishes guidelines and actions for preventing and reducing marine pollution, particularly focusing on reducing pollution from land-based activities associated with campus operations.

Objectives

- 1. Protect Marine Ecosystems:** Prevent pollutants from campus activities from reaching marine environments.
- 2. Promote Sustainable Practices:** Implement and encourage environmentally responsible practices among students, faculty, and staff.
- 3. Comply with Environmental Regulations:** Ensure PSU meets national and international standards for pollution prevention and control.

Policy Guidelines

1. Wastewater and Runoff Management

- Treatment Standards:** Ensure that all wastewater generated on campus is treated to meet national water quality standards before discharge, preventing harmful contaminants from entering marine environments.
- Stormwater Control:** Implement stormwater management systems to filter runoff and reduce the transport of pollutants to coastal and marine waters.
- Monitoring and Testing:** Regularly monitor and test wastewater and runoff for pollutants, with results reported to regulatory bodies as required.

2. Pollution Prevention and Waste Reduction

- **Reduction of Hazardous Materials:** Minimize the use of hazardous chemicals on campus, especially in laboratories, maintenance, and landscaping. Substitute eco-friendly alternatives whenever possible.
- **Waste Sorting and Disposal:** Establish waste sorting and recycling facilities throughout campus to reduce the amount of waste reaching marine environments. Hazardous waste will be safely collected and disposed of according to regulatory standards.
- **Plastic and Litter Control:** Implement strict policies to reduce single-use plastics on campus and prevent litter, which can wash into waterways and harm marine ecosystems.

3. Awareness and Education

- **Educational Campaigns:** Conduct awareness campaigns to educate the PSU community on the importance of marine protection and the impacts of land-based pollution.
- **Workshops and Training:** Offer workshops and training sessions on proper waste disposal, pollution prevention, and sustainable practices.
- **Environmental Stewardship Programs:** Encourage student organizations to lead clean-up activities, educational events, and other initiatives aimed at reducing marine pollution.

4. Sustainable Campus Operations

- **Green Infrastructure:** Integrate green infrastructure solutions, such as green roofs, permeable pavements, and rain gardens, to reduce runoff and filter pollutants naturally.
- **Eco-Friendly Procurement:** Ensure that materials and products purchased by PSU, especially cleaning supplies and landscaping chemicals, meet environmental standards to prevent pollution.
- **Water-Efficient Landscaping:** Adopt water-efficient landscaping practices that reduce the need for fertilizers and pesticides, which can contaminate runoff.

5. Research and Community Engagement

- **Support Marine Research:** Encourage faculty and student research on marine conservation, pollution prevention, and sustainable practices.

- **Community Collaboration:** Partner with local environmental organizations, government agencies, and businesses to support broader marine pollution reduction initiatives and share best practices.
- **Coastal Clean-Up Participation:** Organize and participate in coastal clean-up events to demonstrate PSU's commitment to protecting marine environments and encourage community involvement.

6. Regular Policy Review and Improvement

- **Annual Review:** Review this policy annually to update guidelines, incorporate best practices, and adapt to new regulatory requirements.
- **Feedback Collection:** Solicit feedback from the PSU community to identify challenges, successes, and areas for improvement in reducing marine pollution.

Policy Enforcement

The PSU Environment and Sustainability Office, in coordination with campus facilities and relevant departments, will be responsible for implementing and enforcing this policy. Non-compliance incidents will be documented, and corrective actions will be required. PSU's compliance with this policy will be included in its annual environmental impact report.

By adopting this policy, Port Said University commits to taking proactive steps to prevent and reduce marine pollution from land-based activities, promoting environmental responsibility, and protecting marine ecosystems for future generations.

