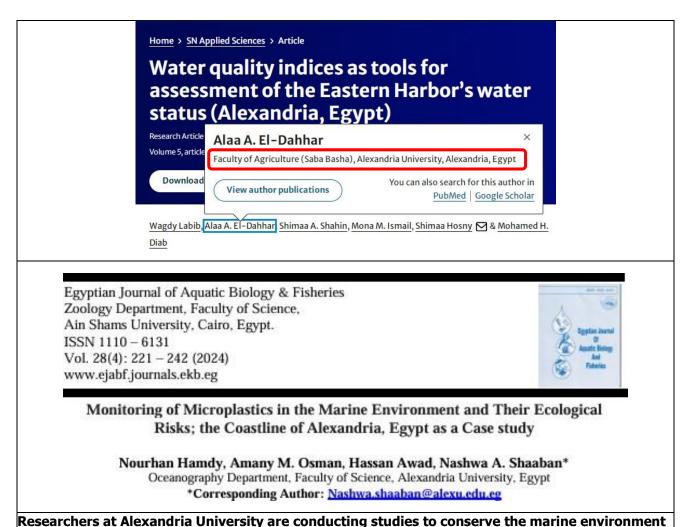## 6.5.7 University actively promote conscious water usage in the wider community

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 pollution and protecting shared water resources. Through community clean-up campaigns, awareness programs, and partnerships with local and international organizations, the University enhances regional sustainability, strengthens environmental responsibility, and encourages practical solutions that improve the environment and support long-term water security.

- 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.

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Water quality indices as tools for assessment of the Eastern Harbor's water status (Alexandria, Egypt)

Research Article
Volume 5, article

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Monitoring of Microplastics in the Marine Environment and Their Ecological Risks; the Coastline of Alexandria, Egypt as a Case study

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Researchers at Alexandria University are conducting studies to conserve the marine environment near the University Campus

- On July 8, 2024, the students from the Faculty of Sport Education, Abu Qir, participate in Initiative to Clean the Eastern Harbour of Alexandria. In line with Alexandria University's commitment to community service and under the auspices of Professor Dr. Abdelaziz Konsowa, President of Alexandria University, and Dr. Yasmine Fouad, Minister of Environment, students from the Faculty of Sport Education in Abu Qir participated in a week-long initiative to clean the eastern harbour of Alexandria. The initiative includes the participation of the El-Raml Rotary Club and the Egyptian Diving and Rescue Federation. The initiative aims to promote sustainable tourism and improve beach enjoyment while supporting local communities in enhancing their waste disposal practices. It also encourages citizens to reduce their use of single-use plastic products and increase recycling efforts. Additionally, the project seeks to educate the public on the importance of maintaining clean and healthy beaches, raising awareness about the threats that plastic and chemical waste pose to marine life, as well as focusing on collecting, classifying, and recycling waste to improve the quality of the coastal environment.

Students from the Faculty of Sport Education at Abu Qir took part in a week-long initiative to clean the eastern harbour of Alexandria, starting on July 8, 2024. The initiative aims to promote sustainable tourism, improve waste disposal practices, and raise awareness about the dangers of plastic waste to marine life, while encouraging recycling

- On June 18, 2024, Students from various schools in Alexandria, along with students from the French Institute in Alexandria, collaborated with Alexandria University to participate in a large-scale cleanup campaign titled **"Our Sea is Clean Without Trash."** for Anfouchi beach. After cleaning the beach, the students discovered the process of transforming plastic waste through 3D printing at the Fab Lab at Alexandria University. This initiative is part of the "Circular Economy: From the Beach to the Lab" project, led by the French Consulate and the French Institute in Alexandria, with financial support from the European Union and in cooperation with the Alexandria Governorate and Alexandria University. The project aims to achieve partnerships for sustainability goals and to engage the local community in these efforts.

Students from various schools in Alexandria, alongside those from the French Institute, participated in a large-scale cleanup campaign at Anfouchi beach titled "Our Sea is Clean Without Trash" Following thecleanup, participants explored the process of transforming plastic waste into usable materials through 3D printing at the Fab Lab at Alexandria University. This initiative is part of the "Circular Economy: From the Beach to the Lab" project, led by the French Consulate and the French Institute, with financial backing from the European Union and collaborationwith the Alexandria Governorate. The project aims to foster partnerships for sustainability and actively engage the local community in environmental efforts.