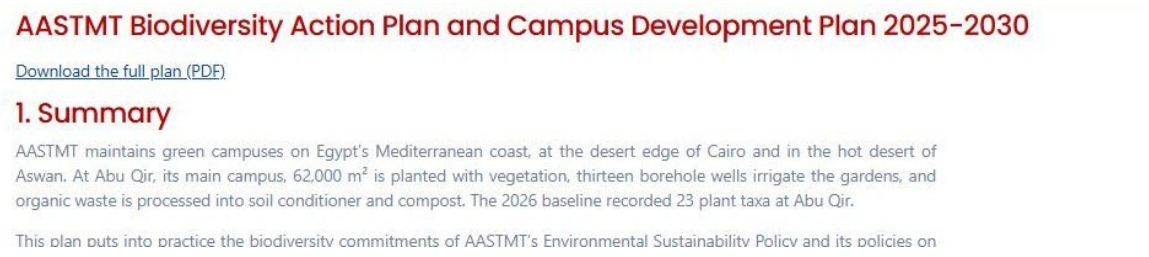
15.2.1 Events about Sustainable Use of Land

2024-2025

AASTMT supports and organises events that promote the conservation and sustainable use of land and of land ecosystems, including coastal land and beaches, urban land and desert land. Through international workshops and forums, a beach clean-up campaign, exhibitions and field visits in Cairo, Alexandria and Matrouh, the Academy brings together students, researchers, government bodies, international partners, industry and the public around coastal protection, the conservation of plant species, sustainable cities and the sustainable use of land. The events below took place in the academic year 2024-2025.

AASTMT Biodiversity Action Plan and Campus Development Plan 2025-2030

The 2025-2030 plan that puts the Academy's biodiversity commitments into practice on its campuses, with ten action areas, a biodiversity review for qualifying projects and a development plan for each campus site.



AASTMT Biodiversity Action Plan and Campus Development Plan 2025–2030

Download the full plan (PDF)

1. Summary

AASTMT maintains green campuses on Egypt's Mediterranean coast, at the desert edge of Cairo and in the hot desert of Aswan. At Abu Qir, its main campus, 62,000 m² is planted with vegetation, thirteen borehole wells irrigate the gardens, and organic waste is processed into soil conditioner and compost. The 2026 baseline recorded 23 plant taxa at Abu Qir.

This plan puts into practice the biodiversity commitments of AASTMT's Environmental Sustainability Policy and its policies on

https://aast.edu/en/sdg/goals.php?unit_item=1215&page_id=121500063

AASTMT Living Campuses: Biodiversity 2024-2025

The 2024-2025 report on how the Academy grows, protects and studies life on land across its campuses, from Abu Qir on the Mediterranean to South Valley in Aswan.



AASTMT Living Campuses: Biodiversity 2024–2025

Download the full report (PDF)

Arab Academy for Science, Technology and Maritime Transport

Living Campuses

Biodiversity at AASTMT, 2024–2025

How the Arab Academy grows, protects and studies life on land, from the Abu Qir Campus on the Mediterranean to the South

https://aast.edu/en/sdg/goals.php?unit_item=1215&page_id=121500066

AASTMT at the 12th World Urban Forum (4–8 November 2024, Cairo)

At UN-Habitat's 12th World Urban Forum, Assoc. Prof. Nancy Abdel-Moniem spoke on the panel "My Neighbourhood: From Global Policies to Urban Design Interventions", AASTMT students presented "Debatable Urbs!", a game on climate-resilient and liveable cities, and won second place in the forum's competition for solutions to urban land in Al-Manial. On 7 November 2024 the Minister of Housing signed two protocols with AASTMT, the first for a plan to manage the beach and artificial lake of New Alamein City sustainably, protecting coastal land and marine ecosystems.



AASTMT Urban Planning Innovations Take Center Stage at WUF12

International Workshop "Climate Change Risks in Coastal Cities" (17 October 2024, Alexandria)

The AASTMT President took part in an international workshop on climate change risks in coastal cities with the Consul General of France, the Director of the Plan Bleu Regional Activity Centre, AVITEM and AASTMT deans, including the Dean of Scientific Research for Maritime Affairs. The workshop discussed how sea-level rise, erosion and extreme weather threaten coastal land along the more than 100,000 km of Arab and African coastline, and how to plan and use that land in a resilient way. Participants from outside AASTMT included H.E. Ms. Lina Bline, Consul General of France in Alexandria; Ms. Robin Degrond, Director of the Plan Bleu Regional Activity Centre; Ms. Madâine Marie Badouel, Director of Strategy at AVITEM; and Dr. Wijnand Laisse, Director of Polytechnic, together with a group of climate, sustainability and coastal resilience specialists.



AASTMT Strengthens Climate Resilience and Water Sustainability in Coastal Cities

Pilot Clean-up of Alexandria's Beaches with Nahdet Misr (10 October 2024, Alexandria)

Under the auspices of Alexandria Governorate and with the German Ministry of the Environment, AASTMT and Nahdet Misr for Modern Environmental Services began trial operation of two new machines that sieve and clean the sand of public and hotel beaches, as part of a joint project to combat marine debris and reduce single-use plastics. Partners outside AASTMT included Alexandria Governorate, the Central Administration for Tourism and Resorts and the German Ministry of the Environment.



AASTMT and Nahdet Misr launch a pilot project to clean up Alexandria's beaches

Field Visit to a Medicinal Plant Farm in El Dabaa (news item of 26 October 2024, El Dabaa, Matrouh)

Students of the AASTMT El Alamein branch visited a medicinal plant farm in El Dabaa on Egypt's north-west coast, where guides showed them the species grown on the desert farm, their uses, and how they are cultivated, harvested and processed into powders, oils and extracts, an introduction to the sustainable use of desert land for plantation and the conservation of plant species.



Scientific visit to the medicinal plant farm in El Dabaa

"Youth Climate Change Makers" Exhibition for World Cities Day 2024 (31 October 2024, Bibliotheca Alexandrina)

The AASTMT Entrepreneurship Center exhibited student and start-up projects at the World Cities Day 2024 exhibition, "Youth Climate Change Makers: Stimulating Local Action for Urban Sustainability", visited by the AASTMT President and the Director of the Bibliotheca Alexandrina, showing the public solutions for more sustainable cities, food resources and the monitoring of marine species.



AASTMT Entrepreneurship Center at the "World Cities Day 2024" Exhibition