13.3.1 Local Education Programmes on Climate

2024-2025

During the 2024–2025 academic year, AASTMT delivered and supported climate education programmes and public awareness campaigns for communities, professionals and young people. Activities addressed climate change impacts, carbon emissions and the transition to clean energy through digital campaigns, professional training and practical renewable energy courses. Collaborations included Caritas Egypt and the University of South-Eastern Norway.

Green Guardians: digital awareness campaign on climate change impacts

10 May 2025 · College of Language and Communication, Alexandria

Media students of the College of Language and Communication launched the Green Guardians awareness campaign on 10 May 2025 as their graduation project, under the slogan “What we save, saves us”. According to the AASTMT SDG page, the campaign aimed to promote environmental awareness and eco-friendly behaviour “across different segments of society”, and through digital awareness campaigns it highlighted the impacts of climate change, from rising temperatures and extreme weather to floods and droughts. The students also created an interactive website targeting community engagement. The project was presented to a jury of media academics and experts at the Media Department’s 2025 graduation projects event, “Media for a Sustainable Tomorrow”.

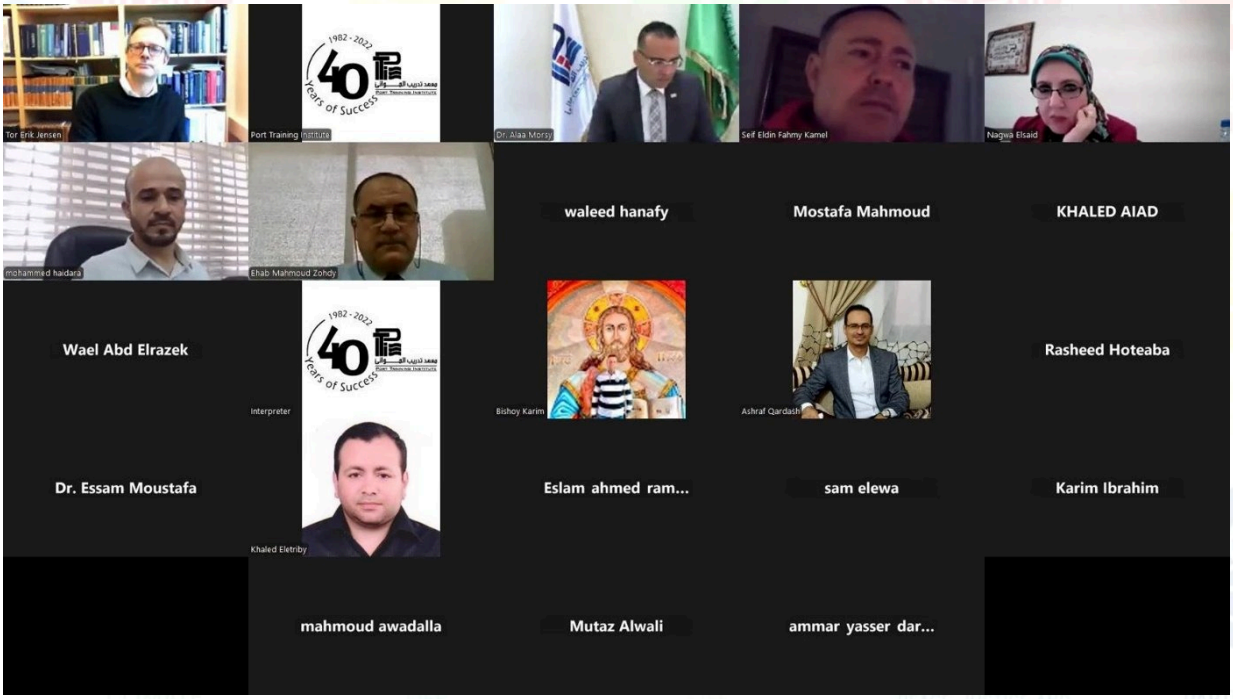


Media for a Sustainable Tomorrow: CLC Alexandria Media Students Tackle Society's Challenges in 2025 Graduation Projects

Green Economy and Carbon Border Tax Mechanism (CBAM)

17–20 February 2025 · Port Training Institute, online

The AASTMT Port Training Institute and the University of South-Eastern Norway delivered an international programme for 30 participants from Egypt and Yemen, with lectures by experts from Egypt and Norway. Prof. Alaa Mahmoud Morsy, Dean of the Port Training Institute, opened the programme on 17 February 2025, and it ran online until 20 February 2025. It aimed to raise awareness among different sectors of the measures needed to deal with the expected impacts of the carbon border tax mechanism, which prices the carbon emissions of imported goods.



Opening of the International Program Green Economy and Carbon Border Tax Mechanism (CBAM)

Solar energy course with Caritas Egypt

June 2025 · Industry Service Complex, Abu Qir, Alexandria

The AASTMT Industry Service Complex ran a solar energy course in collaboration with Caritas Egypt, an NGO, sponsored by the European Union under the “Hand in Hand” project. AASTMT published two news items on the course: course activities in the Complex workshops (3 June 2025) and practical solar energy training at the Academy (18 June 2025).



Practical Training Activities for the Solar Energy Course in Collaboration with Caritas Egypt
Solar Energy Course Activities at the Industry Service Complex Workshops in Collaboration with Caritas Egypt

Arab Disaster Risk Reduction Day

20 March 2025 · Main Campus, Alexandria, broadcast to all branches and online

As part of the League of Arab States' initiative to promote societal resilience and emergency preparedness, AASTMT marked Arab Disaster Risk Reduction Day on 20 March 2025 with an event at its main campus in Alexandria, broadcast across all its branches and on online platforms. The keynote, delivered by Prof. Alaa Abdel Wahed Abdel Bari, Vice President for Postgraduate Studies and Scientific Research, addressed contemporary risks and disasters affecting Arab societies and proactive strategies to reduce their impacts. Speakers included Prof. Nermin Foda (Faculty of Medicine, Alexandria University), Prof. Ahmed Mandeel (High Institute of Public Health), Dr. Sameh Riyad (Head of the Central Administration of the Environmental Affairs Agency, Western Delta) and Dr. Moamen Tawfik (Magnificent Training), with recommendations to enhance community resilience against disaster risks.



AASTMT Celebrates Arab Disaster Risk Reduction Day with Experts and Multisite Participation

World Cities Day 2024: Youth Leading Climate and Local Action for Cities

31 October 2024 · Bibliotheca Alexandrina, Alexandria

AASTMT took part in organising the World Cities Day 2024 celebration, held under the theme "Youth Leading Climate and Local Action for Cities" at the Bibliotheca Alexandrina as part of Egypt's preparations to host the twelfth World Urban Forum (WUF12), organised by UN-Habitat with the Egyptian ministries of Housing, Utilities and Urban Communities and of Local Development. The Prime Minister, the Minister of Local Development, the Governor of Alexandria and the President of AASTMT attended, with more than 1,500 experts, young people and decision-makers and delegations from 30 countries. Discussion sessions and activities with local and foreign delegations and community groups encouraged young people to take part in creating sustainable cities and communities.



AASTMT Participation in the “World Cities Day 2024” celebration

Advancing Green Hydrogen Technologies and Applications

News of 1 August 2025 · Port Said Campus

Within the EU-funded GREEN project under the Erasmus+ programme, the AASTMT Port Said Campus hosted a workshop on integrating green hydrogen technologies and sustainability into higher education. It presented findings from technical studies and surveys and brought project partners and experts together to support capacity building for the clean energy transition.



AASTMT Port Said Campus Hosts EU Workshop on Green Hydrogen Technologies

COP30 Climate Simulation: participation of an AASTMT student

4–8 October 2025 · British University in Egypt, Cairo

A fourth-year student of the AASTMT College of Medicine (El Alamein) took part in the COP30 Simulation Fellowship organised by the British University in Egypt (BUE) with the United Nations Development Programme (UNDP) in Egypt and the Federal University of Rio de Janeiro. After an online capacity-building phase, participants took on negotiating roles in the simulation conference held at BUE in Cairo. According to the AASTMT news item, the student took part in policy discussions and climate negotiations and wrote a paper titled “Education for Empowerment: Reforming Education for Youth-Led Climate Readiness”.



AASTMT College of Medicine Congratulates Student Souvana Sami for Outstanding Representation at COP30 Climate Simulation

Multi-Hazard Resilience Forum: education and public awareness for risk-smart communities

9 November 2025 · Cairo

AASTMT took part in the Multi-Hazard Resilience Forum held in Cairo for World Tsunami Awareness Day 2025, under the theme “Be Tsunami Ready: Invest in Tsunami Preparedness”. The forum was organised by the United Nations Office for Disaster Risk Reduction Regional Office for Arab States (UNDRR ROAS), with the Government of Egypt's National Committee for Crisis and Disaster Management under the Cabinet and UNESCO, and brought together more than 60 delegates from ministries, UN agencies, academic institutions and international partners.

AASTMT contributed to the panel “Education and Public Awareness for Risk-Smart Communities”. It presented its national and regional initiatives to integrate disaster risk reduction into education, and its work on school safety, teacher training and community readiness against coastal and climate hazards.



AASTMT Joins Cairo Multi-Hazard Resilience Forum to Advance Disaster Preparedness and Education

Sustainable Farming in the Digital Age: Climate Resilience

Two-day workshop, December 2025 · College of Engineering and Technology, Alexandria

AASTMT, with the Arab-German Young Academy of Sciences and Humanities (AGYA) and the AASTMT Centre for Future Studies and Risk Management, held a two-day international workshop for researchers, experts and representatives of Arab and international organisations from Egypt, Algeria, Morocco, Germany, Austria and Sudan. Sessions and dialogue circles discussed the challenges facing agriculture under climate change, the use of artificial intelligence and Internet of Things applications for efficient farming, and mechanisms for adapting agriculture to climate change. They also discussed how these technologies can improve water and energy efficiency in farming and reduce its greenhouse gas emissions. The workshop was opened by Prof. Alaa Abdel Wahab Abdelbary, AASTMT Vice President for Postgraduate Studies and Scientific Research, who described digital agriculture as a strategic priority for AASTMT.



Sustainable Farming in the Digital Age: Monitoring, Analytics and Action for Climate Resilience