15.2.1 Events About Sustainable Use of Land

2023–2024

AASTMT Urban Planning Innovations Take Center Stage at World Urban Forum 12 (WUF12) (07 Nov 2024)

The Arab Academy for Science, Technology & Maritime Transport (AASTMT) presented innovative approaches to sustainable urban planning, land-resource management, and ecosystem restoration. Through academic sessions and student projects, AASTMT emphasized the integration of environmental sustainability, land-use efficiency, and green infrastructure in city development. This participation directly supports SDG 15.2.1 by promoting sustainable land management, protection of terrestrial ecosystems, and the restoration of degraded areas within urban contexts.



AASTMT Urban Planning Innovations Take Center Stage at World Urban Forum 12 (WUF12) on AASTMT webpage

AASTMT – Egyptian ministry of Housing, Utilizes and Urban Cities Protocols of Cooperation

On the sidelines of the fourth day of the 12th World Urban Forum (WUF12), H.E. Eng. Sherif El-Sherbiny, Minister of Housing, Utilities, and Urban Communities, announced the signing of two cooperation protocols between the Ministry of Housing and the Arab Academy for Science, Technology & Maritime Transport (AASTMT). The first protocol focuses on technical consultancy in New Alamein City, developing a comprehensive proposal for managing marine and coastal resources of the city's beach and artificial lake.



AASTMT – Egyptian ministry of Housing, Utilizes and Urban Cities protocols of Cooperation on AASTMT webpage

BLUE-ERA Workshop – Balancing Local Initiatives and Global Trends in the Blue Economy (30 April 2024)

The BLUE-ERA Workshop (2024) demonstrated AASTMT's strong commitment to advancing the principles of sustainable land and coastal management, directly supporting SDG 15 – Life on Land and its targets on sustainable utilisation of ecosystems and natural resources. Through its multidisciplinary sessions, the workshop explored the interconnection between the blue economy and terrestrial ecosystems, emphasizing the need for biodiversity conservation, habitat protection, and the sustainable use of coastal and wild-land interfaces.



BLUE ERA Workshop – Balancing Local Initiatives and Global Trends in the Blue Economy (30 April 2024) on AASTMT webpage

AASTMT participate in international workshop in green Environment and green tourism (5-6 June 2024)

AASTMT, through collaborations with the German University of Rostock (TouMaLi Project), Life Makers Foundation (UniGreen Project), and partners from Cyprus and Greece (Green Med Project), promotes green tourism, biodiversity conservation, and sustainable land use. These initiatives engage local communities in protecting terrestrial and coastal ecosystems, improving tourism sustainability, and reducing land degradation through international cooperation and awareness workshops.



AASTMT participate in international workshop in green Environment and green tourism on AASTMT webpage

UniGreen Bootcamp and Innovation Workshops (3-8 May 2024)

The UniGreen Project, led by AASTMT and funded by the European Union, promotes sustainable land management, biodiversity conservation, and climate adaptation through environmental education and community engagement. The UniGreen Bootcamp united universities and NGOs to develop green entrepreneurship solutions for ecosystem protection and land restoration. Partnering with Egyptian universities and the Life Makers Foundation, the project fosters innovation and community-driven approaches to reduce land degradation and enhance sustainable use of terrestrial resources.



UniGreen Bootcamp and Innovation Workshops on AASTMT webpage

AASTMT–Ministry of Environment Partnership for Land Sustainability, Waste Recycling, and Climate Action (26 Oct, 2024)

The Minister of Environment met with the President of AASTMT to enhance joint environmental cooperation and advance sustainability initiatives. Plans include establishing a Climate Change Information Center, launching AI-based applications to reduce carbon emissions and plastic waste, and promoting green industry through waste recycling. In

alignment with SDG 15 (Life on Land), these initiatives support ecosystem protection, land sustainability, and responsible resource use.



AASTMT President-Minister of Environment Meeting on AASTMT webpage

By Fisher to Fisher" Program for Cleaning Fishermen's Ports and Surrounding Water Bodies

On December 21, 2024, the Arab Academy for Science, Technology and Maritime Transport (AASTMT) in Abu Qir launched the environmental initiative "By Fisher to Fisher. The program aims to clean fishermen's ports and nearby water surfaces while recycling collected waste to benefit local communities. This initiative supports Egypt's efforts toward achieving the UN SDGs, particularly in environmental conservation and sustainable use of aquatic and coastal ecosystems.



Program for Cleaning Fishermen's Ports and Surrounding Water Bodies on AASTMT webpage

College of Engineering Symposium on Preservation and Restoration of Heritage Buildings (22 February 2024)

The College of Engineering Symposium at AASTMT Heliopolis Campus focused on heritage preservation, sustainable land use, and environmental protection. It highlighted the role of architectural conservation in maintaining land stability, reducing urban land degradation, and preserving cultural and ecological landscapes. Through discussions on eco-friendly restoration and adaptive reuse, the symposium promoted responsible land management and integration of conservation practices that support SDG 15 – Life on Land.



College of Engineering Symposium on Preservation and Restoration of Heritage Buildings on AASTMT webpage

AASTMT for Sciences Handing Over 23 Sanitary Landfills for Evasion in 16 Governorates (31 October 2024)

AASTMT participated in the handover of 23 sanitary landfills across 16 governorates, through technical expertise, research, and educational engagement, AASTMT promoted land-resource conservation, ecosystem restoration, and biodiversity protection. In collaboration with the Egyptian Ministry of Environment, the Ministry of Local Development, and the Waste

Management Regulatory Authority, the Academy advanced soil rehabilitation, sustainable disposal practices, and the preservation of terrestrial ecosystems.



AASTMT for Sciences Handing Over 23 Sanitary Landfills for evasion in 16 governorates on AASTMT webpage

Artificial Intelligence for Sustainability Workshop

The Sustainable Development and International Cooperation Administration is organizing a workshop on "Artificial Intelligence for Sustainability" under the patronage of His Excellency Mr. Ahmed Aboul Gheit, Secretary-General of the Arab League, and His Excellency Professor Ismail Abdelghafar Ismail Farag, President of the Arab Academy for Science, Technology and Maritime Transport.

The Arab League will be hosting the workshop at its headquarters, with the aim of enhancing the Arab concept of sustainability through artificial intelligence. The workshop aims to shed light on how technology and artificial intelligence can be used to promote environmental, economic, and social sustainability.



Artificial Intelligence for Sustainability Workshop on AASTMT webpage