

13.3.3 Co-Operative Planning for Climate Change Disasters

2023-2024

Co-operative planning for climate-change disasters is essential to ensure that communities, institutions, and governments jointly anticipate, prepare for, and respond to climate risks especially those involving displacement, extreme weather, and cascading environmental hazards. Under SDG 13, AASTMT has increasingly stepped into this role, engaging with regional organizations, government bodies, and disaster risk frameworks to ensure its planning is part of broader, coordinated strategies that align with its climate action and resilience policy goals.

AASTMT at COP₂₉ in Baku, Azerbaijan: Key Forum on Education, Climate Change & Human Capacity Building

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AAST Arab Academy for Science, Technology and Maritime Transport's post



AAST Arab Academy for Science, Technology and Maritime Transport

19 November 2024 · 🌐

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The forum brought together experts, educators, and climate leaders to explore the critical role that educational institutions play in advancing climate change research and building human capacity to address the global climate crisis. With insights drawn from ongoing COP29 discussions, the event highlighted how strengthening education and research frameworks can accelerate innovation and foster sustainable solutions.

This forum emphasized the importance of collaboration between academia, policymakers, and communities to build the next generation of climate leaders and resilient societies. It underscored the urgency of integrating education into climate action strategies to effectively respond to the challenges of our rapidly changing environment.

The event was a significant step forward in advancing the Arab region's contribution to global climate action and building the educational infrastructure needed to tackle the climate crisis.

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[#COP29](#) [#ClimateAction](#) [#EducationForClimate](#) [#Sustainability](#) [#HumanCapacityBuilding](#) [#AASTMT](#) [#ArabStates](#) [#ClimateChangeResearch](#)



International Forum
The Role of Educational Institutions
in Advancing Climate Change Research
and Human Capacity Building



COP29
Baku
Azerbaijan

[AASTMT at COP29 in Baku, Azerbaijan](#) on AASTMT webpage

AASTMT was proud to participate in the Egypt Energy Show (EGYPES)

AASTMT was proud to participate in the Egypt Energy Show (EGYPES) a major regional platform dedicated to energy transition, innovation, and sustainable development. Through its participation, AASTMT showcased its commitment to advancing renewable energy, climate action, and technological innovation in alignment with SDG 13 (Climate Action). The Academy's delegation engaged in discussions with government representatives, industry leaders, and sustainability experts, emphasizing the importance of collaborative planning and capacity building to address climate challenges and promote a low-carbon future. This public engagement highlights AASTMT's proactive role in shaping national and regional energy policies, fostering environmental stewardship, and supporting the transition toward a sustainable, climate-resilient economy.



AASTMT was proud to participate in the Egypt Energy Show (EGYPES),

[AASTMT participate in the Egypt Energy Show \(EGYPES\) on facebook](#)

Arab Day for Disaster Risk Reduction 2024

AASTMT co-organized a workshop on March 28, 2024, in cooperation with the Department of Housing & Water Resources and the League of Arab States. This is classic cooperative planning around disaster risk. The event aimed to strengthen national and regional capacities in disaster preparedness and risk management, emphasizing the importance of coordinated planning and inter-institutional cooperation to mitigate the impacts of climate-induced disasters. Through expert presentations, policy discussions, and knowledge exchange, the workshop fostered dialogue between academic institutions, government agencies, and regional organizations to promote resilient infrastructure, sustainable resource management, and proactive disaster risk reduction strategies.



[Arab Day for Disaster Risk Reduction 2024 on AASTMT webpage](#)

Suez Canal Authority Chairman: We have succeeded in reducing Carbon Emissions by 55 Million Tons

In March 2024, the Arab Academy for Science, Technology and Maritime Transport (AASTMT) hosted the 13th Annual International Maritime Transport and Logistics Conference (MARLOG) under the auspices of the Arab League and in cooperation with Egypt's Ministry of Transport. During the event, Admiral Osama Rabie, Chairman of the Suez Canal Authority, highlighted the canal's pioneering efforts in climate action, noting the reduction of 55 million tons of carbon emissions and 17 million tons of fuel savings in 2023 through its "Green Canal 2030" strategy. The initiative emphasizes clean energy use, sustainable maritime transport, and environmentally friendly operations, positioning the Suez Canal as a global model for mitigating greenhouse gas emissions, reducing carbon footprint, and advancing climate change mitigation and adaptation in maritime logistics.



[Suez Canal Authority Chairman reducing carbon emissions by 55 million tons](#) on AASTMT webpage

AASTMT Participation in the "World Cities Day 2024

The Arab Academy for Science, Technology & Maritime Transport (AASTMT) took part in the World Cities Day 2024 celebration under the theme “Youth Leading Climate and Local Action for Cities.” The event was held on October 31, 2024 at the Bibliotheca Alexandrina, Alexandria, as part of Egypt’s preparations to host the World Urban Forum (WUF12) in Cairo. More than 1,500 participants — including experts, youth, decision-makers, and international delegates from around 30 countries — attended sessions and interactive activities. High-level officials such as the Egyptian Prime Minister, the Ministers of Local Development, Planning, Youth, and other dignitaries were present.



[AASTMT Participation in the "World Cities Day 2024](#) on AASTMT webpage

[AASTMT PARTICIPATION IN WORLD CTIES DAY 2024](#) on AASTMT webpage

MACI MULTIDISCIPLINARY ADAPTIVE CLIMATE INSIGHTS JOURNAL VOLUME 1, ISSUE 1, JUNE 2024

AASTMT launched the first issue of its scientific journal “Multidisciplinary Adaptive Climate Insights (MACI)”, Volume 1, Issue 1. The publication promotes interdisciplinary research and collaboration on climate change mitigation, adaptation, and resilience planning, aligning with SDG 13.3.3 — Co-operative planning for climate change disasters. The journal encourages cooperation among academia, government, industry, and civil society to address complex climate challenges. Articles such as “*The Civic University Model as a Living Lab*” highlight the role of universities as active partners in community-based climate planning, while studies like “*Cold Ironing in Ports*” explore emission-reduction strategies that enhance maritime resilience. Through this platform, AASTMT fosters knowledge exchange and multi-stakeholder engagement essential for developing adaptive strategies to reduce climate risks and strengthen institutional coordination in disaster preparedness and response.



MACI MULTIDISCIPLINARY ADAPTIVE CLIMATE INSIGHTS JOURNAL VOLUME 1, ISSUE 1, JUNE 2024

Sustainable Shipping Forum: Navigating Strategic Transformation in the Maritime Industry

Held under the auspices of H.E. Mr. Ahmed Aboul Gheit, Secretary General of the Arab League, and Prof. Ismail Abdel Ghafar Ismail Farag, President of the Arab Academy for Science, Technology and Maritime Transport (AASTMT), the Sustainable Shipping Forum was organized as part of COP28 UAE. The event focused on the strategic transformation of the maritime industry towards sustainability, emphasizing climate action, emission reduction, and green maritime technologies. The event educated and trained stakeholders in the maritime sector about the need for climate change mitigation and decarbonization strategies. It emphasized green shipping, reducing CO₂ emissions, and energy efficiency, which are key components of climate action capacity building, gathered academics, policymakers, and maritime professionals to share knowledge and technical expertise on sustainable transformation in the industry.



The poster for the Sustainable Shipping Forum features a blue and orange color scheme. At the top, it displays the logos of the Arab League, COP28 UAE, and AASTMT. Below these, two circular portraits of Prof. Ismail Abdel Ghafar Ismail Farag and H.E. Mr. Ahmed Aboul Gheit are shown, with the text "Under the auspices of" between them. The main title "Sustainable Shipping Forum" is prominently displayed in bold black letters, followed by the subtitle "Navigating Strategic Transformation in Maritime Industry". Below this, a section titled "The Speakers" lists five individuals with their photos and titles: Prof. Mahmoud Fathallah (Director Environmental and Meteorological Affairs, Arab League), Dr. Capt. Mohi-Eldin Elsayah (Dean, College of Maritime Transport and Technology, AASTMT), Dr. Capt. Amr Mounir (Director, Maritime and Offshore Training Center, AASTMT), Dr. Capt. Mahmoud El Bawab (Dean - Quality of Maritime Education and Training, AASTMT), and Capt. Emad Khafaga (Dean - IMO Compound, AASTMT). At the bottom, the event details are provided: "Wednesday December 6th, 2023 at 18:00" and "Arab League Pavilion MS01G2, Blue Zone".

[Sustainable Shipping Forum: Navigating Strategic Transformation in the Maritime Industry](#) on AASTMT webpage

UPCOMING EVENTS

Arab States advance regional action through first coordination meeting on marine disaster risk reduction hosted by AASTMT

Alexandria, Egypt - 30 June 2025 - Representatives from 15 Arab states, regional organizations, and international partners convened from 28 to 30 June at AASTMT. It focused on developing the Arab Programme for Reducing Marine Disasters (2025-2030), including preparation of early warning systems, capacity building, and a strategic action plan. Since it was hosted by AASTMT and involves multiple governments and regional cooperation, it strongly demonstrates cooperative planning at regional level.



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