

PROGRAMME



MedCLIVAR2026

The Mediterranean Climate:
Variability, Change & Regional Futures

Limassol - Cyprus | 21-25 September 2026



MEDITERRANEAN CLIMATE

Forthcoming Collection led by PLOS Climate

An interdisciplinary collection exploring **Mediterranean climate variability and change**, including its impacts, risks, resilience, mitigation and adaptation.



RESEARCH • REVIEWS • ESSAYS • OPINIONS



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In collaboration with
MedCLIVAR2026
Limassol, Cyprus •
21–25 September 2026



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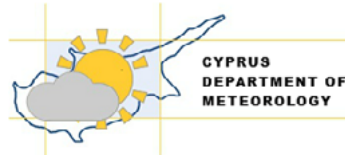
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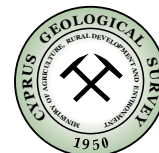
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PROGRAMME AT A GLANCE

Monday September 21, 2026

16:00 - 17:00	Registration
17:00 - 18:30	Conference Opening & Welcome Addresses
18:30 - 20:00	Welcome reception

Tuesday September 22, 2026

09:00 - 09:30	Registration	
	Regional warming and temperature extremes: drivers, predictability, attribution, risk and impacts	Climate adaptation strategies in the Mediterranean
11:00 - 11:30	Coffee Break	
	Regional warming and temperature extremes: drivers, predictability, attribution, risk and impacts	Climate adaptation strategies in the Mediterranean
13:00 - 14:00	Lunch Break	
14:00 - 15:30	Urban climate and weather	Mediterranean paleo-climate
15:30 - 16:00	Coffee Break	
16:00 - 18:00	POSTER SESSION A	
17:00 - 18:30		MedCLIVAR Steering Group Meeting (by invitation only)
20:00	Conference Dinner - Karatello Tavern	

Wednesday September 23, 2026

09:00 - 09:30	Registration		
09:30 - 11:00	Water cycle and precipitation: trends, extreme events and impacts	Networking session on Ocean Observing Systems for Climate	MEDUSSE MC Meeting (by invitation)
11:00 - 11:30	Coffee Break		
11:30 - 13:00	Water cycle and precipitation: trends, extreme events and impacts	Networking session on Ocean Observing Systems for Climate	MEDUSSE MC Meeting (by invitation)
13:00 - 14:00	Lunch Break		
14:00 - 15:30	Ocean dynamics, sea-level rise and biogeochemical risks	Global Mediterranean-type climates	
15:30 - 16:00	Coffee Break		
16:00 - 18:00	Ocean dynamics, sea-level rise and biogeochemical risks	MEDUSSE Outreach Event (open to everyone, details to be confirmed)	
18:00 - 19:00		MEDUSSE Social Event/Cocktail (open)	



Thursday September 24, 2026

09:00 - 09:30	Registration	
09:15 - 11:00	Mediterranean atmospheric dynamics & synoptic weather: cyclones and severe convective storms	Multi-hazard early warning systems in the Euro-Mediterranean-African area
11:00 - 11:30	Coffee Break	
11:30 - 13:00	Compound hazards and concurrent extremes in the Mediterranean	Multi-hazard early warning systems in the Euro-Mediterranean-African area
13:00 - 14:00	Lunch Break	
14:00 - 15:30	Atmospheric composition, aerosols, air quality and climate interactions	MedEWSa General Assembly (by invitation only)
15:30 - 16:00	Coffee Break	
16:00 - 18:00	POSTER SESSION B	MedEWSa General Assembly (by invitation only)

Friday September 25, 2026

09:00 - 09:30	Welcome
09:30 - 11:00	MedEWSa Policy Round Table Event (details to be confirmed)
11:00 - 11:30	Coffee Break
11:30 - 13:00	MedEWSa Policy Round Table Event (details to be confirmed)
13:00 - 14:00	Lunch



ANALYTICAL PROGRAMME

Monday September 21, 2026

16:00 - 17:00	Registration	Foyer (P. Solomonides)
	Room A (P. Solomonides)	
17:00 - 17:20	Conference Opening & Welcome Addresses • Dr. George Zittis, Chair of the MedCLIVAR network • Prof. Stavros Malas, President of the Cyprus Institute • Prof. Jean Sciare, Director of the CYI's Climate and Atmosphere Research Center (CARE-C)	
17:20 - 17:35	TBC Yiannis Arneftis , Mayor of Limassol	
17:35 - 18:10	Two decades of scientific initiatives for studying the climate of the Mediterranean region: issues and perspectives Prof. Piero Lionello , Full Professor of Atmospheric Physics and Oceanography at the University of Salento, Co-Coordinator of MedECC	
18:10 - 18:30	The Ground Truth: a visual essay by Miguel Teodoro	
18:30 - 20:00	Welcome reception	Terrace (P. Solomonides)

Tuesday September 22, 2026

09:00 - 09:30	Registration	Foyer (P. Solomonides)
	Room A (P. Solomonides)	Room B (Library)
	Regional warming and temperature extremes: drivers, predictability, attribution, risk and impacts Conveners: <i>Carmen Alvarez-Castro, Davide Faranda</i>	Climate adaptation strategies in the Mediterranean Conveners: <i>Christos Zoumides, Sofia Matsi</i>
09:30 - 09:45		Mapping the Mediterranean Climate Change Adaptation Toolscape across Promises, Pitfalls, and Ways Forward <i>Presenter: Aris Koutroulis</i>
09:45 - 10:00	Exploring atmospheric heatwaves in a low-resolution climate model <i>Presenter: Laura Paredes-Fortuny</i>	The Spanish Climate Service Platform <i>Presenter: Vicente-Serrano Sergio M.</i>
10:00 - 10:15	Recent intensification of year-round warm spells over the Mediterranean revealed by a new magnitude-based index <i>Presenter: Liakakos Aristotelis</i>	Origin, governance and evolution of the Essential Climate Variables framework and its relevance for Mediterranean climate observation <i>Presenter: Katrin Schroeder</i>
10:15 - 10:30	Hourly-resolved global CMIP6 projections for heat stress assessment through machine learning temporal downscaling <i>Presenter: Pantelis Georgiades</i>	Sea level rise along the Mediterranean coasts: adaptation perspectives from the local population, stakeholders and policy makers <i>Presenter: Demetra Orthodoxou</i>
10:30 - 10:45	Lagrangian and Eulerian Tracer-based Approaches to Heat Transport in Extreme Hydrometeorological Events <i>Presenter: Eiras-Barca J.</i>	Sea-level rise and storm-driven flooding in vulnerable coastal environments: the case of Fondi and Volturno Tyrrhenian Coastal Plains <i>Presenter: Giovanni Fasciglione</i>
10:45 - 11:00	Comprehensive Diagnostic, Statistical Prediction, and Numerical Model Evaluation of Seasonal Climate Variability and Predictability over Egypt <i>Presenter: Mostafa Awatif</i>	Long-term sea-level-rise adaptation pathways for Venice and Mediterranean coastal futures <i>Presenter: Piero Lionello</i>
11:00 - 11:30	Coffee Break	Foyer (P. Solomonides)



	Room A (P. Solomonides)	Room B (Library)
	Regional warming and temperature extremes: drivers, predictability, attribution, risk and impacts Conveners: <i>Ricardo García-Herrera, Valerio Lembo</i>	Climate adaptation strategies in the Mediterranean Conveners: <i>Aris Koutroulis, Marco Neira</i>
11:30 - 11:45	Effects of the Modified Physiologically Equivalent Temperature on Mortality in Cyprus Presenter: Anna Tzyrkalli	Climate Crisis, Human Mobility, and Security Challenges in the MENA Region: Implications for Sustainable Development and Regional Stability Presenter: Shifa Mathbout
11:45 - 12:00	Projected Changes in Extreme Temperature Events and Associated Mortality Risks in Cyprus Presenter: Fragkeskos Kekkou	The Environmental Change, Migration and Conflict Nexus in the Mediterranean Presenter: Manfred A. Lange
12:00 - 12:15	Irrigation effects on heat waves intensity and atmospheric humidity in the Ebro river valley (Spain) Presenter: Vicente-Serrano Sergio M.	A variable and changing climate affects nitrate leaching in olive orchards irrigated with treated waste water Presenter: Adriana Bruggeman
12:15 - 12:30	Downscaling of temperatures over the Eastern Mediterranean for the 21 st century Presenter: Rostkier-Edelstein D.	Response of spring wheat yield to Climate variability over Italy simulated with Noah-MP HRLDAS crop model Presenter: Padmavathi Bevara
12:30 - 12:45	Precursors of marine heatwaves in the Eastern Mediterranean Presenter: Chaim I. Garfinkel	Re-designing schools in the Eastern Mediterranean for climate resilience: A case study in Nicosia, Cyprus Presenter: Anastasija Dukic
12:45 - 13:00	Regional Temperature Controls on Wheat Yield and Water Use Efficiency in Dryland Agroecosystems Presenter: Ehud Strobach	Cross-Project Learning and Science Communication for Co-Design of Tools in Interdisciplinary Climate Research Presenter: Olivija Filipovska
13:00 - 14:00	Lunch Break	
	Room A (P. Solomonides)	Room B (Library)
14:00 - 15:30	Urban climate and weather Conveners: <i>Panagiotis T. Nastos, Panos Hadjinicolaou</i>	Mediterranean paleo-climate Conveners: <i>Maria Triantaphyllou, Mary Athanasiou</i>
	A modeling study on urban scale circulation, sea-breeze front and the possible origin of the unknown odor that affected Athens on 19 May 2026 Presenter: Stavros Solomos	Climate, disease and society in the Euro-Mediterranean past: Pathways to future pandemic risk Presenter: Elena Xoplaki
	High-Resolution WRF Simulations of Urban Mesoscale Flow in Coastal Mediterranean Cities: From Flat to Complex Terrain Presenter: Rostkier-Edelstein Dorita	Catastrophic External Perturbation Hypothesis for Late Pleistocene Climatic Anomalies Presenter: Dimitrios Kampolis
	Multi-Scale Analysis of Urban Thermal Microclimates Using Remote Sensing and Computational Fluid Dynamics Presenter: Ravi Kumar Pandey	Palaeoceanographic changes over the past 1500 years: Evidence from the Epidavros Basin, Saronikos Gulf, central Aegean Sea Presenter: Faedra-Tzesi Zanai



	High-Resolution Climate Projections of heat stress in cities around the EMME Presenter: Katiana Constantinidou Just Climate Urban Resilience and FAIR data management: Application in Aigaleo (Greece) and Replication in Aradippou (Cyprus) Presenter: Eirini Barri Nature-Based Solutions for Climate Resilience in Egaleo, Greece: Enhancing Urban Adaptation through Med-IREN project Presenter: Eftychia Meggou	Reconstructing Euro-Mediterranean climate variability over the last millennium with proxy-informed data assimilation Presenter: Jingya Cheng Climate modulations of the Mediterranean nitrogen cycle Presenter: Tanja Wald Coupled North Atlantic sea surface temperature and Mediterranean precipitation over the past 500 thousand years Presenter: Hsun-Ming Hu Hydroclimatic Variability and Weather Type Characteristics in the Levant During the Last Interglacial Presenter: Efraim Bril / Assaf Hochman
15:30 - 16:00	Coffee Break	Foyer (P. Solomonides)
	Foyer (P. Solomonides)	Room C (P. Solomonides)
16:00 - 18:00	POSTER SESSION A Physical drivers of the 2015 August moisture-modulated heatwave over the Iberian Peninsula: a lagrangian analysis Presenter: María Corredoira Iglesias Co-designing Future Desertification Pathways: a scenario-based ESAI across Mediterranean Soil Health Living Labs Presenter: Charalambos Theodorou Frankincense Essential Oil Comparison Among Commercial Grades and Harvesting Locations in Ethiopia Presenter: Aytolgn A. Melese Late Pleistocene coastal palaeolakes in the eastern Mediterranean: Formation conditions and associated abiotic aragonite deposition Presenter: Maria V. Triantaphyllou Asymmetric diurnal warming over the Athens metropolitan area: a 20-year perspective Presenter: Nastos Panagiotis First methane concentration measurements at a suburban-background station in Athens, Greece Presenter: Nastos Panagiotis Seasonal Forecasting of Precipitation over the Eastern Mediterranean Presenter: Gayathridevi Salila	



17:00 -18:30	Understanding precipitation variability across the southern Mediterranean: atmospheric drivers, extremes and future hydroclimate change Presenter: Meryem Tanarhte	
	Assessing Sediment Yield Response to Rainfall Variability on River Manafwa, Uganda Presenter: Aisha Namuli Namuyanja A Multilayer Perceptron Approach for Forecasting Meteorological contribution to Sea Level Variability Presenter: Mehri Hashemi Devin A comparative assessment of drought, heatwave and compound event indicators for multi-hazard early warning Presenter: Isidoros Iakovidis The Region of Attica in MedEWSa: Bridging Climate Information and Operational Civil Protection Presenter: Ioanna Chalari A Decade of Change in Eastern Mediterranean Boundary-Layer Winds Revealed by Doppler Lidar Observations Presenter: Konstantinos Chrysostomou Assessing Climate Change Impacts and Adaptation Strategies in Cyprus Tourism through Stakeholder Perceptions and Tourism Indices Presenter: Maria Gavrouzou AI Weather Prediction Models for Accelerating the Attribution of Climate Change Signals in Extreme Events Presenter: Bernat Jiménez-Esteve	MedCLIVAR Steering Group Meeting (by invitation only)
20:00	Conference Dinner - Karatello Tavern	



Wednesday September 23, 2026

09:00 - 09:30	Registration		Foyer (P. Solomonides)
	Room A (P. Solomonides)	Room B (Library)	Room C
09:30 - 11:00	Water cycle and precipitation: trends, extreme events and impacts Conveners: <i>Adriana Bruggeman, Uwe Ulbrich</i>	Networking session on Ocean Observing Systems for Climate Conveners: <i>Daniel Hayes, Monica Demetriou</i>	MEDUSSE MC Meeting (by invitation)
	Influence of atmospheric circulation indices on seasonal precipitation variability in the Mediterranean basin (1951-2020) Presenter: Vicente-Serrano Sergio M. Revisiting the Historical Wintertime Drying of the Mediterranean in the LESFMIP Simulations Presenter: Chaim Garfinkel From Noise to Signal: The Future Emergence of Mediterranean Drought Presenter: Simona Bordoni Assessing High-Resolution Precipitation Climatology Trends over Greece using Satellite based (CHIRPS) and 1km Gridded Observational (CLIMADAT-GRid) Data Presenter: Dimitrios Katsanos, Christos Giannakopoulos Precipitation Trends over Mesopotamia for a Century-Scale Regional Climate Simulation Presenter: Markella Bouchorikou Tropical Teleconnections, Predictability, and Future Changes of Red Sea Trough Precipitation Extremes in the Eastern Mediterranean Presenter: Assaf Hochman	Networking session on Ocean Observing Systems for Climate	
11:00 - 11:30	Coffee Break		Foyer (P. Solomonides)
	Room A (P. Solomonides)	Room B (Library)	Room C
11:30 - 13:00	Water cycle and precipitation: trends, extreme events and impacts Conveners: <i>Sergio M. Vicente-Serrano, George Zittis</i>	Networking session on Ocean Observing Systems for Climate Conveners: <i>Daniel Hayes, Monica Demetriou</i>	MEDUSSE MC Meeting (by invitation)
	AI-based downscaling at the convection-permitting scale for the whole of Italy: preliminary results Presenter: Luca Furnari Probabilistic hydroclimatic extremes forecasting: A deep learning approach integrating Copula based dependencies. Presenter: Farjad Aziz	Networking session on Ocean Observing Systems for Climate	



	High-resolution reconstruction of 3-hourly temperature and precipitation fields over Greece <i>Presenter: Konstantinos V. Varotsos</i> Modeling rainfed agriculture under climate change with Noah-MP-Crop and ECMWF SEAS5 seasonal hindcasts <i>Presenter: Ioannis Sofokleous</i> Trends of cloud base height and its impact of hydro meteorological extreme events over Bangladesh <i>Presenter: Sakia Shabnam Kader</i> Water resources management in Cyprus and Climate Change <i>Presenter: Kostas Aristeidou</i>		
13:00 - 14:00	Lunch Break	Foyer (P. Solomonides)	
	Room A (P. Solomonides)	Room B (Library)	
14:00 - 15:30	Ocean dynamics, sea-level rise and biogeochemical risks <i>Conveners: Marta Álvarez, Katrin Schroeder, Monica Demetriou</i> High resolution coupled simulations for climate projections of the Northern Adriatic Sea <i>Presenter: Marco Reale</i> Advancing decadal and multi-decadal marine climate services for the Mediterranean Sea: the RIVIERADE project <i>Presenter: Stefano Salon</i> Observational evidence for accelerating thermohaline change in the Mediterranean Sea <i>Presenter: Elena Terzić</i> The Adriatic Sea undergoes unprecedented changes in thermohaline properties <i>Presenter: Ivica Vilibić</i> Climate change impacts on the marine environment and resources in semi-enclosed seas: Insights from the Eastern Mediterranean and Middle East region <i>Presenter: Alexandra Gogou.</i> Black Sea water budget changes and impacts on the Aegean Sea <i>Presenter: Elina Tragou</i>	Global Mediterranean-type climates <i>Conveners: Jelena Lukovic, Richard Seager, Ileana Bladé</i> Earlier Pacific Northwest Onset and Delayed California Onset of the Rainy Season in Recent Decades <i>Presenter: Jelena Lukovic</i> Drivers of water resource changes over the Mediterranean Climate Regions of the Northern Hemisphere <i>Presenter: Vincenzo Senigalliesi</i> Toward Climate-Scale Variable-Resolution ICON-Med Simulations of Mediterranean Climate and Extremes <i>Presenter: Shira Reznik Balter</i> Near-future precipitation and rising temperature in Odesa, Ukraine: Is Mediterranean climate coming? <i>Presenter: Valeriy Khokhlov</i> The winter Atlantic Niño teleconnection to the Euro-Mediterranean region and its potential for seasonal predictability <i>Presenter: Laura Gil-Reyes</i>	
15:30 - 16:00	Coffee Break	Foyer (P. Solomonides)	



	Room A (P. Solomonides)	Room B (Library)
16:00 - 18:00	Ocean dynamics, sea-level rise and biogeochemical risks Conveners: <i>Alexandra Gogou, Daniel Hayes</i> CARIMED (CARbon, tracers, and ancillary data In the MEDiterranean Sea): A ship-based data synthesis product – overview and quality control procedures Presenter: Marta Álvarez Interplay of Physical and biogeochemical processes in the Gulf of Taranto Presenter: Kokoszka Florian, Volmer Martin Temperature and salinity trends in the Mediterranean Sea from 1960 to 2022 Presenter: Vasilis Zervakis Flooding Scenarios up to 2150 CE for 39 Italian Coastal Plains: Integrating Climatic Projections, Vertical Land Movements and High-Resolution Topography to assess future sea-level rise Presenter: Marco Anzidei Post-2010 Acceleration of Levantine Boundary- Current Export Presenter: Cem Serimozu A quality-controlled dissolved oxygen dataset for the western Mediterranean Sea (2004–2023): an observational foundation for Mediterranean oxygen reconstruction Presenter: Malek Belgacem Future Wave Runup Projections and Uncertainty Assessment Under Climate Change Along the Apulian Coast (Mediterranean Sea) Presenter: Tariq Khan	MEDUSSE Outreach Event (open to everyone, details to be confirmed)
18:00 - 19:00		MEDUSSE Social Event/Cocktail (open)



Thursday September 24, 2026

09:00 - 09:30	Registration		Foyer (P. Solomonides)
	Room A (P. Solomonides)	Room B (Library)	
09:15 - 11:00	Mediterranean atmospheric dynamics & synoptic weather: cyclones and severe convective storms Conveners: <i>Emmanouil Flaounas, Assaf Hochman</i> Mediterranean Sea heat uptake variability as a precursor to winter precipitation in the Levant <i>Presenter: Ori Adam</i> On the usability of semi-objective (hybrid) classifications of atmospheric circulation patterns in the Mediterranean <i>Presenter: Radan Huth</i> Mediterranean SST Anomalies and the Intensification of Storm Boris: A Storyline-Based ICON Experiment <i>Presenter: Fulden Batibeniz</i> Unprecedented coastal impact due to the occurrence of cyclone Harry in the central Mediterranean (19-22 January 2026): a multidisciplinary record of geomorphic change, hydrodynamic modelling, and seismic noise <i>Presenter: Scardino Giovanni</i> Process-based evaluation of Eastern Mediterranean heatwave development in the CMIP6 models <i>Presenter: Andre Klif</i> Extreme cyclones in the Mediterranean: past versus future climate <i>Presenter: Onno Doensen</i> The exceptional thunderstorms of November 24-25th, 2025, over Israel <i>Presenter: Yoav Yair</i>	Multi-hazard early warning systems in the Euro-Mediterranean-African area Conveners: <i>Elena Xoplaki, Juerg Luterbacher</i> From Forecasts to Action: MedEWSa Outcomes for Impact-based Multi-hazard Early Warning in the Euro-Mediterranean-African Region <i>Presenter: Jürg Luterbacher</i> High-resolution seasonal forecast of compound extreme events in Cyprus using AI-based downscaling and hazard indicators. <i>Presenter: Isidoros Iakovidis</i> Advancing Wildfire Detection and Prediction: The New Generation of the FireHUB Platform <i>Presenter: Nikolaos S. Bartsotas</i> Upgrading Ethiopia's Forest Fire Early Warning System through MedEWSa: from national danger forecasting to park-scale wildfire scenarios <i>Presenter: Andrea Trucchia</i> Improving Sea Level Height warnings in Venice with hybrid sub-seasonal forecasts <i>Presenter: Antonello Squintu</i> Enhancing Coastal Resilience: AI-Based Sub-Seasonal Forecasting of Sea Level Anomalies in Alexandria <i>Presenter: Eman Shaker</i> Assessing seasonal hydrological forecasts with LISFLOOD in the Danube basin: sensitivity to forcings downscaling for the Slovak twin region <i>Presenter: Paolo Gazzotti</i>	
11:00 - 11:30	Coffee Break		Foyer (P. Solomonides)
	Room A (P. Solomonides)	Room B (Library)	
11:30 - 13:00	Compound hazards and concurrent extremes in the Mediterranean Conveners: <i>Andrea Toreti, Uwe Ulbrich, Marco Turco</i> Compound heatwave and drought events in Greece: A station-based assessment of 10-year return levels <i>Presenter: Michael Samouris</i>	Multi-hazard early warning systems in the Euro-Mediterranean-African area Conveners: <i>Nikos Bartsotas, Antonello Squintu</i> On the Predictability of West Nile Virus Risk at Fine-Scale <i>Presenter: Ioannis Kioutsioukis</i>	



	Climatological assessment of compound drought and heatwave events over Greece (1961-2022) Presenter: <i>Ioannis Kaitsas</i> Assessing the impact of severe storms on the upper layer of the Mediterranean Sea: the cases of Minerva and Nino Presenter: <i>Chiara Vallortigara</i> MedHEX: understanding extreme events in the Mediterranean from atmospheric and oceanic heat budget Presenter: <i>Valerio Lembo</i> Intensification of hot-dry and hot-wet compound events in the Mediterranean region under different global warming levels Presenter: <i>Fuente-González Miriam</i> High-Resolution Data Assimilation for Advanced Lightning Prediction over Cyprus Presenter: <i>Parde Avinash N.</i>	The MedEWSa risk transfer platform Presenter: <i>Milan Kalas</i> Why warnings fail the people most at risk: socioeconomic stratification, trust deficits, and differential protective action in multi-hazard Mediterranean contexts. Presenter: <i>Panagiota Kokoliou & Christina Vrotsou</i> Participatory Approaches for Disaster Preparedness and Response Planning: A Practical Framework from the MedEWSa Project Presenter: <i>Isabel Gomes/Andrea Trucchia</i> Enhancing Multi-Hazard Early Warning Systems through Citizen-Sourced Situational Awareness and Digital Twin Integration Presenter: <i>Christina Michailidou</i> Development of an Early Detection System for Extreme Precipitation Events Using Satellite Data and Deep Learning Methods Presenter: <i>Charisi Eirini</i> From Early Warning to Early Action: Policy and Governance Enablers for Impact-Based Multi-Hazard Early Warning Systems Presenter: <i>Vangelis Malamas</i>
13:00 - 14:00	Lunch Break	Foyer (P. Solomonides)
	Room A (P. Solomonides)	Room B (Library)
14:00 - 15:30	Atmospheric composition, aerosols, air quality and climate interactions Conveners: <i>Rodanthi Mamouri, Tuija Jokinen, Theo Christoudias</i> Understanding NOx emission changes from 2019 to 2023 in the EMME region through variational inversions and satellite data Presenter: <i>Rimal Abeed</i> Microphysical & compositional differences between Sahara & M. Eastern dust revealed by UAS observations over Cyprus Presenter: <i>Maria Kezoudi</i> Synergetic Lidar-Radar Analysis of Mineral Dust Impact on Ice Formation over the Eastern Mediterranean using Cloudnet Observations Presenter: <i>George Kotsias</i> Long-Range Transport and Source Attribution of Air Pollution over Cyprus: A FLEX-PART-Based Assessment Presenter: <i>Marios Panagi</i>	MedEWSa General Assembly (by invitation only)



	Assessment of natural and anthropogenic aerosol radiative effects over the Eastern Mediterranean and Middle East using WRF-Chem Presenter: Konstantinos Christodoulou Design and Implementation of a Low-Cost Outdoor Air Quality Monitoring System Presenter: Omowaiyeola Fashade	
15:30 - 16:00	Coffee Break	Foyer (P. Solomonides)
	Foyer (P. Solomonides)	Room B (Library)
16:00 - 18:00	POSTER SESSION B Atmosphere-Waves Coupling in the Mediterranean with ICON-CLM Presenter: Bodo Ahrens Objective Detection of Mediterranean Upper-Level Troughs Using Physics-Informed Deep Learning Presenter: Ofir Ariel Rossby waves and extreme precipitation co-occurrence in the Mediterranean region using idealized simulations Presenter: Andreas Karpasitis Evaluating atmospheric blocking in Optimal high resolution Earth System Models Presenter: Pinelopi Loizou Can a Black Sea Storm Become a Blackcane? Warm-Core Development Under Amplified SST Forcing Presenter: Sinan Sahinoglu How do warm fronts and circulation types shape Mediterranean day-to-day temperature variability? Presenter: Navrátilová Denisa North Atlantic SST Drives Sub-seasonal Variability and Predictability of the Large-Scale Circulation Presenter: Víctor Murphy Tracing Moisture and Heat in a 2012 Mediterranean Compound Event: a Lagrangian Analysis Presenter: González-Cámara, Lorena Tullé Evaluation of decadal climate predictions for wind energy droughts over the Mediterranean and Greece Presenter: Kalliopi Mitsopoulou	MedEWSa General Assembly (by invitation only)



Relative Sea-Level Rise and Coastal Infrastructure Risk in the Northern Adriatic (Italy): a Case Study of Emilia-Romagna and Southern Veneto Coasts

Presenter: **Francesca Iacono**

Current and Future Buffering Capacity of North Aegean Waters in Response to Anthropogenic CO₂ Perturbations

Presenter: **Krasakopoulou Evangelia**

Size variability and coccolith mass of *Emiliania huxleyi* in the Aegean Sea (NE Mediterranean): investigating the impact of acidification

Presenter: **Elisavet Skampa**

Advancing turbulence as an Essential Ocean Variable: a glider-based microstructure dataset from the Western Mediterranean

Presenter: **Kokoszka Florian, Volmer Martin**

Modelling aeolian dust over the Middle East and North Africa with the WRF-CHEM model

Presenter: **Semontee Deb**

High-Resolution Dispersion modelling of Aircraft Emissions During Landing and Takeoff in airport environment

Presenter: **Giannis Ioannidis**

Insights into new particle formation in the Eastern Mediterranean from nanoparticle ranking analysis

Presenter: **Reshmi Raj, Kochuveedu Raju**

Global non-CO₂ impact of aviation on climate through aerosol-cloud interactions

Presenter: **Christos Xenofontos**

Projected excess mortality from PM_{2.5} exposure in Europe-Mediterranean under future climate and socioeconomic pathways

Presenter: **Niki Paisi**

In situ aerosol optical properties and dominant types in the background Eastern Mediterranean: the role of contributing sources and air-mass transport

Presenter: **Elie Bimenyimana**

Calibration of a low-cost air quality sensor network using CFD and Machine Learning models

Presenter: **Giannis Ioannidis**

Predictability of Cyclones Associated with Heavy Precipitation in the Sahara

Presenter: **Moshe Armon**



Friday September 25, 2026

Room B (Library)

09:00 - 09:30 Welcome

MedEWSa Policy Round Table Event

09:30 - 11:00 MedEWSa Policy Round Table Event (details to be confirmed)

11:00 - 11:30 Coffee Break

11:30 - 13:00 MedEWSa Policy Round Table Event (details to be confirmed)

13:00 - 14:00 Lunch

CONFERENCE VENUE

Conference Room & Parallel

Main Conference - Room A: Panos Solomonidis Municipal Cultural Center

Parallel - Room B: Limassol Municipal University Library

Panos Solomonidis Municipal Cultural Center



The **Panos Solomonidis Municipal Cultural Center** is one of the most prominent and active cultural venues in Limassol.

Housed in the beautifully restored building of the historic “Kouvas” lithography factory, the property was purchased in 2004 and donated to the Municipality of Limassol by its benefactor, Panos Solomonidis. The center officially opened its doors to the public on July 2, 2010. Spanning a total area of 2,500 square meters, it seamlessly blends traditional stone and wood industrial architecture with modern concrete and glass structures.

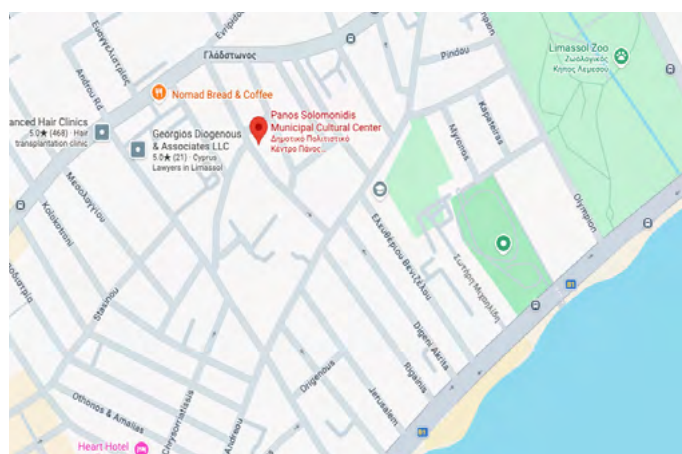
Key Facilities & Spaces

Cyprus Theatre Museum: Houses rare exhibits, costumes, scale models, and the extensive historical theater archive of Nikos S. Nikolaides.

Limassol Carnival Museum: An interactive three-story exhibition space dedicated to the rich history of the city's famous carnival.

Events Hall: A 200-seat auditorium fully equipped for conferences, seminars, lectures, film screenings, and concerts.

Grand Foyer: An ideal, spacious setting for art exhibitions and book presentations.



Address: [8 Panou Solomonidi Street, 3032 Limassol](#) | Contact Phone: +357 25884300



Municipal University Library



Housed in a beautifully restored neoclassical building in the heart of Limassol, the **Municipal University Library** is one of Cyprus' largest libraries, with a collection of over 60,000 volumes. Library serves as a vibrant centre for learning, research, culture, and community events, while preserving the rich history and literary heritage of Limassol and Cyprus.

The Municipal University Library of Limassol is located in the historic city centre, within walking distance of Limassol Castle, the Old Port, and the Molos Promenade.

Address: [Agiou Andreou 269, Limassol 3032](#) | Tel. +357 25 002211

Limassol Carnival Museum



The city of Limassol, inextricably linked to the institution of Carnival, now gains a new, specialized museum space dedicated to the study, promotion, and experiential exploration of Cyprus's most important folk celebration.

The Museum stands as a well-documented tribute to the city's long-standing and multifaceted carnival history. Through the presentation of tangible and intangible heritage materials, the carnival is highlighted as a living socio-cultural phenomenon, a bearer of memory, identity, and timeless creativity.

For participants who are interested, there is an opportunity to visit the **Limassol Carnival Museum**, located at the Panos Solomonides Municipal Cultural Centre.

Opening hours: Monday–Friday, 09:00–13:00 | Admission: Free



GENERAL INFORMATION

REGISTRATION AND INFORMATION DESK

A Registration Desk will be operating throughout the duration of the conference. The Registration Desk will also be operating as an Information Desk for any information or assistance participants may require during the conference.

REGISTRATION DESK OPENING HOURS

Monday, September 21st: 16:00 – 18:30

Tuesday, September 22nd: 09:00 – 18:30

Wednesday, September 23rd: 09:00 – 18:30

Thursday, September 24th: 09:00 – 18:30

DELEGATE BADGES

The badge of each participant gives access to all Sessions, Coffee Breaks, Lunch breaks, Welcome Cocktail and Conference Dinner.

CERTIFICATES OF ATTENDANCE

Certificates of attendance will be sent electronically after the conference is completed.

CONFERENCE AWARDS

The following awards will be presented during the Conference in recognition of outstanding contributions:

- Best Conference Paper Awards

SOCIAL EVENTS



Welcome Reception

Date: 21 September 2026

Time: 18:30

Location: Terrace - Panos Solomonides

Price: Included in the conference registration fee and in Accompanying Persons Package.



Conference Dinner

Date: 22 September 2026

Time: 20:00

Location: Karatello Tavern - Carob Mill
[11 Vasilissis Street, Lanitis Carob Mill, Limassol 3042](#)

Price: Included in the conference registration fee and in Accompanying Persons Package



Karatello Tavern

Cypriot Cuisine Overlooking the majestic Medieval Castle in the heart of the old town of Lemesos, adjacent to the Carobmill Museum, Karatello manages to create a perfect amalgamation of the classic and the modern. Karatello serves traditional, innovative meze dishes.



MEDUSSE Cocktail

Date: 23 September 2026

Time: 18:30

Location: Limassol Municipal University Library

Price: Open for MESUSSE Outreach Event participants only



Optional Full-Day Excursion

***Troodos UNESCO Global Geopark,
Guided Tour & Wine Tasting – Tsiakkas Winery,
Holy Cross Church (Timios Stavros) Pelendri***

Date: 25 September 2026

Time: 09:00 – 17:00

Pick up Time: 09:00 | *Pick up point:* tba

Your Field Trip Package Includes

- A guided visit to the Troodos UNESCO Global Geopark.
- A guided tour and wine tasting at a local winery.
- Visit at the Holy Cross Church (Timios Stavros), Pelendri village.
- A traditional Cypriot lunch at Symposio Pelendri Restaurant. Relax and enjoy a delicious lunch, where you will experience authentic Cypriot cuisine and warm mountain hospitality.
- Comfortable return coach transportation from and to Limassol.





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- Past, present and future climatic change
- Connections and feedbacks between climate change and the wider Earth System
- The impacts of climatic disruption on nature and society
- Climate change adaptation and mitigation
- Technological and nature-based solutions to climate change

Taylor & Francis is currently covering the cost of publication charges for this journal.

