

PROGRAMME



MedCLIVAR2026

The Mediterranean Climate:
Variability, Change & Regional Futures

Limassol - Cyprus | 21-25 September 2026



Welcome note from the Organizing Committee

Dear colleagues, friends, and members of the MedCLIVAR community,

It is our great pleasure to welcome you to MedCLIVAR 2026. On behalf of the MedCLIVAR network Steering Group and the Conference Organizing committee, we are delighted to bring together such a distinguished and vibrant community of scientists, stakeholders, practitioners, and students working on the climate of the Mediterranean region and its wider implications.

The Mediterranean region remains one of the world's most climate-sensitive areas, experiencing profound changes in temperature, precipitation, hydroclimate variability, extreme events, and their impacts on ecosystems, water resources, and society. This makes our collective work not only scientifically important, but also urgently relevant for supporting adaptation, resilience, and sustainable decision-making across the region and beyond.

MedCLIVAR has long served as a platform for scientific exchange, collaboration, and capacity building, and this conference continues that tradition. It provides an excellent opportunity to present new findings, discuss emerging challenges, and strengthen the connections that make our community so dynamic and productive. We are especially pleased that the programme brings together a broad range of perspectives, from observational and modelling studies to impact assessment, climate services, and policy-relevant research.

We would also like to extend our sincere gratitude to all invited speakers, session chairs, contributors, sponsors, and members of the organizing team whose commitment and hard work have made this meeting possible. Your efforts are essential to the success of the conference and to the continued growth of our network. We warmly thank each of you for your participation and for the energy you bring to MedCLIVAR.

We hope that MedCLIVAR 2026 will be an enriching and inspiring experience for everyone, and that it will lead to new ideas, fruitful collaborations, and lasting friendships. We wish you a successful conference and a very enjoyable stay.

Yours sincerely,

George Zittis,
Chair of MedCLIVAR

On behalf of the MedCLIVAR 2026 Conference Organizing Committee



Organizing Committee

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The Cyprus Institute, Cyprus

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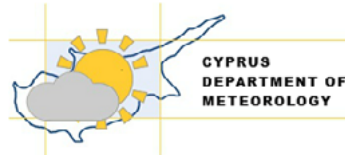
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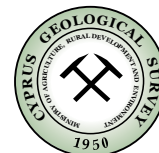
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Mediterranean and
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MedEWSa is funded by Horizon Europe
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This project has received funding
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n. 859612) and the Cyprus Government



Co-funded by
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NEXT MED

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PROGRAMME AT A GLANCE

Monday September 21, 2026

16:00 - 17:00	Registration	Foyer (P. Solomonides)
17:00 - 18:30	Conference Opening & Welcome Addresses	Room A (P. Solomonides)
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	Climate adaptation strategies in the Mediterranean
11:00 - 11:30	Coffee Break	Foyer (P. Solomonides)
	Regional warming and temperature extremes: drivers, predictability, attribution, risk and impacts	Climate adaptation strategies in the Mediterranean
13:00 - 14:00	Lunch Break	Foyer (P. Solomonides)
14:00 - 15:30	Urban climate and weather	Mediterranean paleo-climate
15:30 - 16:00	Coffee Break	Foyer (P. Solomonides)
	Foyer (P. Solomonides)	Room C (P. Solomonides)
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		Foyer (P. Solomonides)
09:30 - 11:00	Room A (P. Solomonides)	Room B (Library)	Room C
	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		Foyer (P. Solomonides)
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		Foyer (P. Solomonides)
14:00 - 15:30	Room A (P. Solomonides)	Room B (Library)	
	Ocean dynamics, sea-level rise and biogeochemical risks	Global Mediterranean-type climates	
15:30 - 16:00	Coffee Break		Foyer (P. Solomonides)
16:00 - 18:00	Ocean dynamics, sea-level rise and biogeochemical risks	MEDUSSE COST Action Outreach Event	
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	Multi-hazard early warning systems in the Euro-Mediterranean-African area	
11:00 - 11:30	Coffee Break	Foyer (P. Solomonides)	
	Room A (P. Solomonides)	Room B (Library)	Room C
11:30 - 13:00	Compound hazards and concurrent extremes in the Mediterranean	Multi-hazard early warning systems in the Euro-Mediterranean-African area	LIFE-IP AdaptInGR Outreach Event (Climate Projections for Climate Action: Lessons from LIFE-IP AdaptInGR on Bridging Climate Science & Adaptation Policy)
13:00 - 14:00	Lunch Break	Foyer (P. Solomonides)	
14:00 - 15:30	Atmospheric composition, aerosols, air quality and climate interactions	MedEWSa General Assembly (by invitation only)	
15:30 - 16:00	Coffee Break	Foyer (P. Solomonides)	
	Foyer (P. Solomonides)	Room B (Library)	
16:00 - 18:00	POSTER SESSION B	MedEWSa General Assembly (by invitation only)	

Friday September 25, 2026

Room B (Library)	
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	Co-designing the city of 2030 Yiannis Arneftis , Mayor of Limassol	
17:35 - 18:10	Two Decades of Scientific Cooperation to Understand the Climate of the Mediterranean Region: Achievements, Persistent Challenges and Future 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, Georgios Zittis</i>	Climate adaptation strategies in the Mediterranean Conveners: <i>Christos Zoumides, Sofia Matsi</i>
09:30 - 09:45	Exploring atmospheric heatwaves in a low-resolution climate model <i>Presenter: Laura Paredes-Fortuny</i>	Mapping the Mediterranean Climate Change Adaptation Toolscape across Promises, Pitfalls, and Ways Forward <i>Presenter: Aris Koutroulis</i>
09:45 - 10:00	Recent intensification of year-round warm spells over the Mediterranean revealed by a new magnitude-based index <i>Presenter: Liakakos Aristotelis</i>	The Spanish Climate Service Platform <i>Presenter: Vicente-Serrano Sergio M.</i>
10:00 - 10:15	Hourly-resolved global CMIP6 projections for heat stress assessment through machine learning temporal downscaling <i>Presenter: Pantelis Georgiades</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	Lagrangian and Eulerian Tracer-based Approaches to Heat Transport in Extreme Hydrometeorological Events <i>Presenter: Eiras-Barca J.</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	Comprehensive Diagnostic, Statistical Prediction, and Numerical Model Evaluation of Seasonal Climate Variability and Predictability over Egypt <i>Presenter: Mostafa Awatif</i>	Sea-level rise and storm-driven flooding in vulnerable coastal environments: the case of Fondi and Volturmo Tyrrhenian Coastal Plains <i>Presenter: Giovanni Fasciglione</i>
10:45 - 11:00	Questions & Discussion	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>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: <i>Anna Tzyrkalli</i>	The Environmental Change, Migration and Conflict Nexus in the Mediterranean Presenter: <i>Manfred A. Lange</i>
11:45 - 12:00	Projected Changes in Extreme Temperature Events and Associated Mortality Risks in Cyprus Presenter: <i>Fragkeskos Kekkou</i>	A variable and changing climate affects nitrate leaching in olive orchards irrigated with treated waste water Presenter: <i>Adriana Bruggeman</i>
12:00 - 12:15	Irrigation effects on heat waves intensity and atmospheric humidity in the Ebro river valley (Spain) Presenter: <i>Vicente-Serrano Sergio M.</i>	Response of spring wheat yield to Climate variability over Italy simulated with Noah-MP HRLDAS crop model Presenter: <i>Padmavathi Bevara</i>
12:15 - 12:30	Downscaling of temperatures over the Eastern Mediterranean for the 21 st century Presenter: <i>Rostkier-Edelstein D.</i>	Re-designing schools in the Eastern Mediterranean for climate resilience: A case study in Nicosia, Cyprus Presenters: <i>Anastasija Dukic/Ravi Kumar Pandey</i>
12:30 - 12:45	Precursors of marine heatwaves in the Eastern Mediterranean Presenter: <i>Chaim I. Garfinkel</i>	Cross-Project Learning and Science Communication for Co-Design of Tools in Interdisciplinary Climate Research Presenter: <i>Olivija Filipovska</i>
12:45 - 13:00	Regional Temperature Controls on Wheat Yield and Water Use Efficiency in Dryland Agroecosystems Presenter: <i>Ehud Strobach</i>	Questions & Discussion
13:00 - 14:00	Lunch Break Foyer (P. Solomonides)	
	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: <i>Stavros Solomos</i>	Climate, disease and society in the Euro-Mediterranean past: Pathways to future pandemic risk Presenter: <i>Elena Xoplaki</i>
	High-Resolution WRF Simulations of Urban Mesoscale Flow in Coastal Mediterranean Cities: From Flat to Complex Terrain Presenter: <i>Rostkier-Edelstein Dorita</i>	Catastrophic External Perturbation Hypothesis for Late Pleistocene Climatic Anomalies Presenter: <i>Dimitrios Kampolis</i>
	Multi-Scale Analysis of Urban Thermal Microclimates Using Remote Sensing and Computational Fluid Dynamics Presenter: <i>Ravi Kumar Pandey</i>	Palaeoceanographic changes over the past 1500 years: Evidence from the Epidavros Basin, Saronikos Gulf, central Aegean Sea Presenter: <i>Faedra-Tzesi Zanaï</i>
	High-Resolution Climate Projections of heat stress in cities around the EMME Presenter: <i>Katiana Constantinidou</i>	Reconstructing Euro-Mediterranean climate variability over the last millennium with proxy-informed data assimilation Presenter: <i>Jingya Cheng</i>



	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	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 AO1: Physical drivers of the 2015 August moisture-modulated heatwave over the Iberian Peninsula: a lagrangian analysis Presenter: María Corredoira Iglesias AO2: Co-designing Future Desertification Pathways: a scenario-based ESAI across Mediterranean Soil Health Living Labs Presenter: Charalambos Theodorou AO3: Frankincense Essential Oil Comparison Among Commercial Grades and Harvesting Locations in Ethiopia Presenter: Aytolgn A. Melese AO4: Late Pleistocene coastal palaeolakes in the eastern Mediterranean: Formation conditions and associated abiotic aragonite deposition Presenter: Maria V. Triantaphyllou AO5: Asymmetric diurnal warming over the Athens metropolitan area: a 20-year perspective Presenter: Nastos Panagiotis AO6: First methane concentration measurements at a suburban-background station in Athens, Greece Presenter: Nastos Panagiotis AO7: Seasonal Forecasting of Precipitation over the Eastern Mediterranean Presenter: Gayathridevi Salila AO8: Understanding precipitation variability across the southern Mediterranean: atmospheric drivers, extremes and future hydroclimate change Presenter: Meryem Tanarhte	



17:00 - 18:30	AO9: Assessing Sediment Yield Response to Rainfall Variability on River Manafwa, Uganda Presenter: Aisha Namuli Namuyanja A10: A Multilayer Perceptron Approach for Forecasting Meteorological contribution to Sea Level Variability Presenter: Mehri Hashemi Devin A11: A comparative assessment of drought, heatwave and compound event indicators for multi-hazard early warning Presenter: Isidoros Iakovidis A12: The Region of Attica in MedEWSa: Bridging Climate Information and Operational Civil Protection Presenter: Ioanna Chalari A13: A Decade of Change in Eastern Mediterranean Boundary-Layer Winds Revealed by Doppler Lidar Observations Presenter: Konstantinos Chrysostomou A14: Assessing Climate Change Impacts and Adaptation Strategies in Cyprus Tourism through Stakeholder Perceptions and Tourism Indices Presenter: Maria Gavrouzou A15: 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> 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: Nikolas Gkinis 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 Conveners: <i>Daniel Hayes, Monica Demetriou</i> Networking session on Ocean Observing Systems for Climate	MEDUSSE MC Meeting (by invitation)	
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, Athanasios Argiriou</i> 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 Conveners: <i>Daniel Hayes, Monica Demetriou</i> Networking session on Ocean Observing Systems for Climate	MEDUSSE MC Meeting (by invitation)	



	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> The INTERREG - EUROMED Germ of Life project for drought adaptation and mitigation in the Mediterranean: aims and results <i>Presenter: Athanasios Argiriou</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, 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> Questions & Discussion	
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 A quality-controlled dissolved oxygen dataset for the western Mediterranean Sea (2004–2023): an observational foundation for Mediterranean oxygen reconstruction Presenter: Malek Belgacem 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 Interplay of Physical and biogeochemical processes in the Gulf of Taranto Presenter: Kokoszka Florian, Volmer Martin Future Wave Runup Projections and Uncertainty Assessment Under Climate Change Along the Apulian Coast (Mediterranean Sea) Presenter: Tariq Khan	MEDUSSE COST Action Outreach Event From ocean to atmosphere: coupled climate dynamics and their Euro-Mediterranean impacts Presenter: Nour-Eddine Omrani Exploring the Mediterranean climate through regional climate modelling Presenter: Francesca Raffaele Seasonal prediction of wheat yield and its sensitivity to environmental conditions in the semi-arid Mediterranean Presenter: Ehud Strobach
	Questions & Discussion	
18:00 - 19:00		MEDUSSE Social Event/Cocktail (open)



Thursday September 24, 2026

09:00 - 09:30	Registration	Foyer (P. Solomonides)
09:15 - 11:00	Room A (P. Solomonides)	Room B (Library)
	Mediterranean atmospheric dynamics & synoptic weather: cyclones and severe convective storms Conveners: <i>Assaf Hochman, Evangelos Tyrlis</i>	Multi-hazard early warning systems in the Euro-Mediterranean-African area Conveners: <i>Elena Xoplaki, Juerg Luterbacher</i>
	Mediterranean Sea heat uptake variability as a precursor to winter precipitation in the Levant Presenter: Ori Adam	From Forecasts to Action: MedEWSa Outcomes for Impact-based Multi-hazard Early Warning in the Euro-Mediterranean-African Region Presenter: Jürg Luterbacher
	On the usability of semi-objective (hybrid) classifications of atmospheric circulation patterns in the Mediterranean Presenter: Radan Huth	High-resolution seasonal forecast of compound extreme events in Cyprus using AI-based downscaling and hazard indicators. Presenter: Isidoros Iakovidis
	Mediterranean SST Anomalies and the Intensification of Storm Boris: A Storyline-Based ICON Experiment Presenter: Fulden Batibeniz	Advancing Wildfire Detection and Prediction: The New Generation of the FireHUB Platform Presenter: Nikolaos S. Bartsotas
	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 Presenter: Scardino Giovanni	Upgrading Ethiopia's Forest Fire Early Warning System through MedEWSa: from national danger forecasting to park-scale wildfire scenarios Presenter: Andrea Trucchia
	Process-based evaluation of Eastern Mediterranean heatwave development in the CMIP6 models Presenter: Andre Klif	Improving Sea Level Height warnings in Venice with hybrid sub-seasonal forecasts Presenter: Antonello Squintu
	Extreme cyclones in the Mediterranean: past versus future climate Presenter: Onno Doensen	Enhancing Coastal Resilience: AI-Based Sub-Seasonal Forecasting of Sea Level Anomalies in Alexandria Presenter: Eman Shaker
	The exceptional thunderstorms of November 24-25 th , 2025, over Israel Presenter: Yoav Yair	Assessing seasonal hydrological forecasts with LISFLOOD in the Danube basin: sensitivity to forcings downscaling for the Slovak twin region Presenter: Paolo Gazzotti
11:00 - 11:30	Coffee Break	Foyer (P. Solomonides)



	Room A (P. Solomonides)	Room B (Library)	Room C
11:30 - 13:00	Compound hazards and concurrent extremes in the Mediterranean Conveners: <i>Andrea Toreti, Uwe Ulbrich</i> Compound heatwave and drought events in Greece: A station-based assessment of 10-year return levels <i>Presenter: Michael Samouris</i> Climatological assessment of compound drought and heatwave events over Greece (1961-2022) <i>Presenter: Athanasios Argiriou</i> Assessing the impact of severe storms on the upper layer of the Mediterranean Sea: the cases of Minerva and Nino <i>Presenter: Chiara Vallortigara</i> MedHEX: understanding extreme events in the Mediterranean from atmospheric and oceanic heat budget <i>Presenter: Valerio Lembo</i> Intensification of hot-dry and hot-wet compound events in the Mediterranean region under different global warming levels <i>Presenter: Fuente-González Miriam</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> The MedEWSa risk transfer platform <i>Presenter: Milan Kalas</i> Why warnings fail the people most at risk: socioeconomic stratification, trust deficits, and differential protective action in multi-hazard Mediterranean contexts. <i>Presenters: Panagiota Kokoliou & Christina Vrotsou</i> Participatory Approaches for Disaster Preparedness and Response Planning: A Practical Framework from the MedEWSa Project <i>Presenters: Isabel Gomes & Andrea Trucchia</i> Enhancing Multi-Hazard Early Warning Systems through Citizen-Sourced Situational Awareness and Digital Twin Integration <i>Presenter: Christina Michailidou</i>	LIFE-IP AdaptInGR Outreach Event (Climate Projections for Climate Action: Lessons from LIFE-IP AdaptInGR on Bridging Climate Science & Adaptation Policy) Welcome Address <i>Presenter: Stavros Solomos (Chair),</i> Research Centre for Atmospheric Physics and Climatology, Academy of Athens, Greece Boosting the Implementation of Climate Adaptation Policy - The LIFE-IP AdaptInGR project <i>Presenter: Ioanna Tsalakanidou,</i> Department of Climate Change, Directorate of Climate Change & Air Quality, General Directorate of Environmental Policy, Ministry of Environment & Energy, Greece High Resolution Climate Projections for Climate Adaptation Policy Making <i>Presenter: Stavros Solomos,</i> Research Centre for Atmospheric Physics and Climatology, Academy of Athens, Greece Unlocking Climate Data for Adaptation: Open Data and Tools for Impact Assessment <i>Presenter: Christos Giannakopoulos,</i> Institute for Environmental Research and Sustainable Development, National Observatory of Athens, Greece Climate Services for Climate Vulnerability Assessments <i>Presenter: Ioannis Koufakis,</i> Climate Change and Sustainability Center, Bank of Greece, Greece



	High-Resolution Data Assimilation for Advanced Lightning Prediction over Cyprus <i>Presenter: Parde Avinash N.</i> Consecutive Extratropical Cyclones During Winter 2026 in the Iberian Peninsula: Drivers, Variability and Associated Impacts <i>Presenter: Margarida Liberato</i>	From Early Warning to Early Action: Policy and Governance Enablers for Impact-Based Multi-Hazard Early Warning Systems <i>Presenter: Vangelis Malamas</i>	Climate Services for Climate-Vulnerable Sectors: The Case of Agriculture <i>Presenter: Dimitrios Voloudakis, Research Centre for Atmospheric Physics and Climatology, Academy of Athens, Greece</i> Climate Services in a Climate Hot-Spot: Lessons and Perspectives from Cyprus and the EMME <i>Presenter: Panos Hadjinicolaou, Climate and Atmosphere Research Centre, The Cyprus Institute, Cyprus</i> Discussion – Conclusions <i>* The event is initiated by the integrated project «LIFE-IP AdaptInGR - Boosting the implementation of adaptation policy across Greece», LIFE17IPC/GR/000006.</i>
	13:00 - 14:00	Lunch Break	Foyer (P. Solomonides)
14:00 - 15:30	Room A (P. Solomonides)		Room B (Library)
	Atmospheric composition, aerosols, air quality and climate interactions <i>Conveners: Rodanthi Mamouri, Tuija Jokinen, Theo Christoudias</i> Understanding NO_x emission changes from 2019 to 2023 in the EMME region through variational inversions and satellite data <i>Presenter: Rimal Abeed</i> Microphysical & compositional differences between Sahara & M. Eastern dust revealed by UAS observations over Cyprus <i>Presenter: Maria Kezoudi</i> Synergetic Lidar-Radar Analysis of Mineral Dust Impact on Ice Formation over the Eastern Mediterranean using Cloudnet Observations <i>Presenter: George Kotsias</i> Long-Range Transport and Source Attribution of Air Pollution over Cyprus: A FLEXPART-Based Assessment <i>Presenter: Marios Panagi</i> Assessment of natural and anthropogenic aerosol radiative effects over the Eastern Mediterranean and Middle East using WRF-Chem <i>Presenter: Konstantinos Christodoulou</i> Design and Implementation of a Low-Cost Outdoor Air Quality Monitoring System <i>Presenter: Omowaiyeola Fashade</i>		MedEWSa General Assembly (by invitation only)



15:30 - 16:00	Coffee Break	Foyer (P. Solomonides)
	Foyer (P. Solomonides)	Room B (Library)
16:00 - 18:00	POSTER SESSION B B01: Objective Detection of Mediterranean Upper-Level Troughs Using Physics-Informed Deep Learning Presenter: Ofir Ariel B02: Rossby waves and extreme precipitation co-occurrence in the Mediterranean region using idealized simulations Presenter: Andreas Karpasitis B03: Evaluating atmospheric blocking in Optimal high resolution Earth System Models Presenter: Pinelopi Loizou B04: Can a Black Sea Storm Become a Black-cane? Warm-Core Development Under Amplified SST Forcing Presenter: Sinan Sahinoglu B05: How do warm fronts and circulation types shape Mediterranean day-to-day temperature variability? Presenter: Navrátilová Denisa B06: North Atlantic SST Drives Sub-seasonal Variability and Predictability of the Large-Scale Circulation Presenter: Victor Murphy B07: Tracing Moisture and Heat in a 2012 Mediterranean Compound Event: a Lagrangian Analysis Presenter: González-Cámara, Lorena Tullé B08: Evaluation of decadal climate predictions for wind energy droughts over the Mediterranean and Greece Presenter: Kalliopi Mitsopoulou B09: 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 B10: Current and Future Buffering Capacity of North Aegean Waters in Response to Anthropogenic CO ₂ Perturbations Presenter: Krasakopoulou Evangelia B11: Size variability and coccolith mass of <i>Emiliana huxleyi</i> in the Aegean Sea (NE Mediterranean): investigating the impact of acidification Presenter: Elisavet Skampa B12: Advancing turbulence as an Essential Ocean Variable: a glider-based microstructure dataset from the Western Mediterranean Presenter: Kokoszka Florian, Volmer Martin	MedEWSa General Assembly (by invitation only)



B13: Calibration of a low-cost air quality sensor network using CFD and Machine Learning model

Presenter: **Giannis Ioannidis**

B14: High-Resolution Dispersion modelling of Aircraft Emissions During Landing and Takeoff in airport environment

Presenter: **Giannis Ioannidis**

B15: Insights into new particle formation in the Eastern Mediterranean from nanoparticle ranking analysis

Presenter: **Reshmi Raj, Kochuveedu Raju**

B16: Global non-CO2 impact of aviation on climate through aerosol-cloud interactions

Presenter: **Christos Xenofontos**

B17: Projected excess mortality from PM2.5 exposure in Europe-Mediterranean under future climate and socioeconomic pathways

Presenter: **Niki Paisi**

B18: 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**

B19: Modelling aeolian dust over the Middle East and North Africa with the WRF-CHEM model

Presenter: **Semontee Deb**

B20: 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

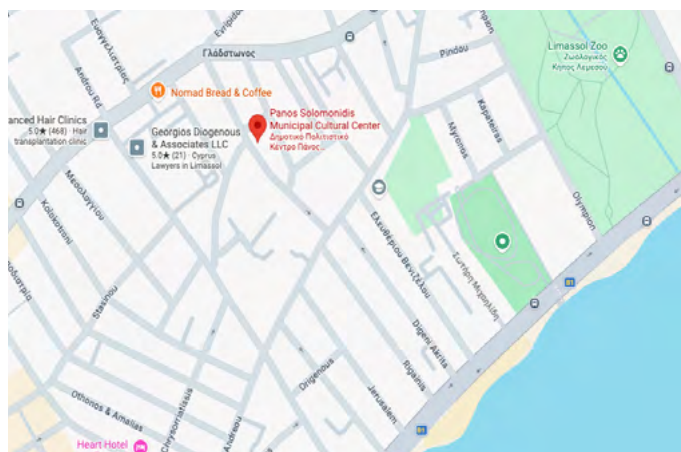
Cyprus Theatre Museum: Houses rare exhibits, costumes, scale models, and the extensive historical theater archive of Nikos S. Nikolaides.

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.



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



SUBMISSION DEADLINE
30 NOVEMBER 2026

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- 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.

