

“Mediterranean & Middle East air pollution in a changing climate”

DAY 1 (16 MAY 2018) | Scientific Programme |

Time	Title
08:00-09:00	Registration & Welcome coffee
09:00-10:30	Opening Session – Mediterranean & Middle East air pollution in a changing climate
09:00-09:20	Opening – M. Jarraud , <i>Former Secretary General WMO</i>
09:20-09:50	Context and Objectives – J. Sciare , <i>Director EEWRC, The Cyprus Institute, Cyprus</i>
09:50-10:30	Keynote talk – J. Lelieveld , <i>“Health impacts of ambient air pollution”</i>

COFFEE BREAK (30 min) “Pentadaktylos” Restaurant

Time	Title
11:00-12:40	Session#1 – Air pollution sources
11:00-11:20	N. Mihalopoulos , <i>“Sources of aerosols in the Mediterranean”</i>
11:20-11:40	H. Harder , <i>“AQABA, measurements of trace gases, dust and aerosols in the Mediterranean and Arabian Basin, overview and first results of a ship born campaign”</i>
11:40-12:00	J. Kushta , <i>“Elemental carbon contribution to climate in the Eastern Mediterranean and the Middle East”</i>
12:00-12:20	I. Stavroulas , <i>“One-year study of sources, seasonal variability and geographical origin of submicron organic aerosol from high resolution measurements in Athens, Greece”</i>
12:20-12:40	S. Coehlo , <i>“Identification and analysis of particulate matter source contributions to the air quality in mainland Portugal”</i>

LUNCH BREAK (1h20 min) “Pentadaktylos” Restaurant

Time	Title
14:00-15:40	Session#2 – Climate Change & Air pollution Modelling, Trends and Prediction
14:00-14:20	P. Hadjinicolaou , <i>“Differential 20th and 21st century warming around the Mediterranean and the MENA region”</i>
14:20-14:40	G. Zittis , <i>“Observed rainfall trends and precipitation uncertainty in the vicinity of the Mediterranean, Middle East and North Africa”</i>
14:40-15:00	K. Constantinidou , <i>“Uncertainty of modelled climate over the Middle East and North Africa (MENA) region due to land surface schemes”</i>
15:00-15:20	C. Pain , <i>“Proposed new generation atmospheric models for the Mediterranean and the Middle East”</i>
15:20-15:40	F. Fang , <i>“Multiscale Adaptive Mesh Atmospheric/Air Pollution Predictive Modelling and Applications”</i>

COFFEE BREAK (30 min) “Pentadaktylos” Restaurant

Time	Title
16:10-17:50	Session#3 – Climate change & Air pollution Impacts
16:10-16:30	A. Borbon , <i>“Urban atmospheric pollution within TRANSEMED: from emission evaluation to health impact assessment in the Eastern Mediterranean”</i>
16:30-16:50	S. Achilleos , <i>“Climate change adaptation in Eastern Mediterranean: Desert Dust Storms and the EU LIFE project MEDEA”</i>
16:50-17:10	B. Herut , <i>“Climate change in the Levantine basin - observational signals”</i>
17:10-17:30	S. Uddin , <i>“Effect of Climate Change on Marine Ecosystems in Gulf: An example of likely change in calcification among corals”</i>
17:30-17:50	S. Rafael , <i>“Impact of resilience measures on air pollutants dispersion in Porto’s urban area”</i>

End of day #1

DAY 2 (17 MAY 2018) | Scientific Programme |

Time	Speaker & Title
08:00-09:00	Registration & welcome coffee
09:00-10:30	Session#4 – Atmospheric Monitoring & Composition
09:00-09:30	M. Kulmala , “Global SMEAR (Stations for Measuring Earth Surface - Atmosphere Relations)”
09:30-09:50	P. Ricaud , “The GLAM airborne campaign across the Mediterranean”
09:50-10:10	L. Dada , “New particle formation: from semi-clean to very polluted environments”
10:10-10:30	R. Baalbaki , “Chemical composition of newly formed particles at Agia Maria forest station, Cyprus”

COFFEE BREAK (30 min) “Pentadaktylos” Restaurant

Time	Speaker & Title
11:00-12:20	Session#5 – Atmospheric Dust
11:00-11:20	F. Howari , “Dust storms in the Arabian Gulf”
11:20-11:40	Y. Rudich , “Ice nucleation properties of mineral dust particles in the Eastern Mediterranean”
11:40-12:00	M. Pikridas , “Change of the dust transport patterns in the East Mediterranean affect the coarse mode levels in Cyprus”
12:00-12:20	H. Panahifar , “Investigating source and trend of atmospheric dust and urban pollution in central part of Iran plateau using a depolarized lidar, in situ recordings and satellite data”

LUNCH BREAK (1h20 min) “Pentadaktylos” Restaurant

Time	Speaker & Title
13:40-15:10	Session#6 – Greenhouse Gases & Remote Sensing Observations
13:40-14:10	P. Ciais , “How to spend a greenhouse gas budget without legating large negative emissions to future generations”
14:10-14:30	M. Vrekoussis , “Remote Sensing of tropospheric pollution from space”
14:30-14:50	T. Maggos , “GHGs and AQ measurements over European cities using aerial and ground platforms as part of the ICARUS air pollution and climate change mitigation strategy”
14:50-15:10	F. Aboubi , “How can ground based Doppler Lidar systems can help modeling and forecasting Air Quality?”

COFFEE BREAK (30 min) “Pentadaktylos” Restaurant

Time	Speaker & Title
15:40-17:40	Session#7 – International Networks & Regional Initiatives
15:40-16:10	F. Dulac , “The Chemistry-Aerosol Mediterranean Experiment (ChArMEx, 2010-2020)”
16:10-16:30	H. Lappalainen , “The Pan-Eurasian Experiment (PEEX) Program”
16:30-16:50	M. Lange , “Future Earth MENA”
16:50-17:20	Scientific Workshop Concluding Remarks, J. Sciare

17:30-20:00: Poster session + cocktail “Pentadaktylos” Restaurant

End of the scientific workshop