

2nd Scientific Event

Emerging Climate & Environmental Health Risks in the Mediterranean

15:00 – Arrival

15:30 - Welcome addresses

Prof. Panayiotis Yiallourous (University of Cyprus) – Medical School

Dr. Souzana Achilleos (University of Nicosia) – Medical School

Dr. Barrak Alahmad (Harvard T.H. Chan School of Public Health)

Prof. Petros Koutrakis (Harvard T.H. Chan School of Public Health) - Program Director of Cyprus Harvard Endowment Program, Environmental Health Department

16:00 - Invited Talk: Climate change, air quality and health - challenges and opportunities.

Dr. Myriam Lopes - Centro de Estudos do Ambiente e do Mar (CESAM) and Department of Environment and Planning, University of Aveiro, Portugal

16:20 - Session 1: Chairs: Prof. Panayiotis Yiallourous (UCY) – Dr. Barrak Alahmad (HSPH)

- 1. Physical activity in children with asthma: Effect of environmental, demographic, anthropometric and clinical parameters.**
Jane Berill (SM, HSPH)
Supervisors: Dr. Panayiotis Kouis (UCY) - Dr. Peter James (HSPH)
- 2. Do Temperature Exposures Align with Station Measurements? An Analysis of Personal & Ambient Temperature Measurement in Cyprus.**
Amanda Windsor (SM, HSPH)
Supervisors: Mr. Antonis Michanikou (UCY) - Dr. Barrak Alahmad (HSPH)
- 3. Effects of climatic factors on pregnancy loss in Cyprus**
Aashna Shah (SM, HSPH)
Supervisors: Dr. Souzana Achilleos (UNIC) - Dr. Stefania Papatheodorou (HSPH)
- 4. Impact of early life exposures to heavy metals on respiratory health in children of the Rhea mother-child cohort**
Maryam Zafar (SM, HSPH)
Supervisors: Dr. Despo Ierodiakonou (UNIC) Theano Roumeliotaki (University of Crete) - Prof. Eric Garshick (VA Boston Healthcare System/Harvard Medical School)
- 5. Association Between Prenatal and Childhood Exposure to Particulate Matter and Asthma/Asthmatic Symptoms in the Children of the MEDEA Cohort**
Nicole Alkhouri (SM, HSPH)
Supervisors: Dr. Pinelopi Anagnostopoulou (UCY) - Dr. Stefania Papatheodorou (HSPH)

17:30 – 18:00 Coffee Break

18:00 - Session 2: Chairs: **Prof. Marina Neophytou (UCY) – Assoc. Prof. Georgios Nikolopoulos (UCY)**

- 1. Effect of Dust Events on the Association between PM10 Constituents and Daily Mortality in Nicosia, Cyprus**
Qiyue Nie (SM, HSPH)
Supervisors: Dr. Souzana Achilleos (UNIC) - Prof. Petros Koutrakis (HSPH)
- 2. Projections of heat-related mortality in Cyprus under moderate and extreme climate change scenarios**
Cynthia Ma (SM, HSPH)
Supervisors: Dr. Panayiotis Kouis (UCY) - Dr. Barrak Alahmad (HSPH)
- 3. Short-term exposure to ambient particle radioactivity and mortality in Athens, Greece**
Jialin Xu (SM, HSPH)
Supervisors: Prof. Evi Samoli (University of Athens) Dr. Lila Diapouli (National Centre for Scientific Research) - Prof. Petros Koutrakis (HSPH)
- 4. Effects of solar activity on mortality using data from Cyprus, Greece and Kuwait**
Madeleine Wissoker (SM, HSPH)
Supervisors: Dr. Annalisa Quattrocchi (UNIC) - Dr. Carolina Zilli (HSPH)

18:50 Closing remarks

Prof. Panayiotis Yiallourous (University of Cyprus)