

3rd Scientific Symposium



“Emerging Climatic and Environmental Health Risks in the Mediterranean”

23 January 2025

Medical School, University of Cyprus

Shakolio Center of Clinical Medicine, Nicosia, Cyprus



HARVARD
T.H. CHAN
SCHOOL OF PUBLIC HEALTH



15:00 - Arrival and registration

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 the Cyprus Harvard Endowment Program

16:00 - Invited Talk: Assessment of pulmonary health outcomes in environmental health research

Prof. Eric Garshick - Veterans Affairs Boston Healthcare System; Harvard Medical School, Boston, MA, USA

16:20 - Session 1: Personal exposure to environmental factors

1. **Investigation of factors influencing the association between individually experienced temperature assessed using wearable sensors and outdoor ambient temperature**

Zhengyuan Wang (SM, HSPH)

Supervisors: Mr. Antonis Michanikou (UCY) - Dr. Barrak Alahmad (HSPH)

2. **Development of a predictive model for PM_{2.5} over the greater Athens metropolitan area, Greece at 1kmX1km grid using satellite measurements and machine learning methods**

Seyong Chang (SM, HSPH)

Supervisors: Prof. Evi Samoli (University of Athens) - Dr. Evangelia Diapouli (National Centre for Scientific Research “Demokritos”) - Prof. Petros Koutrakis (HSPH)

3. **The relationship between individual and environmental factors associated with tobacco smoking among adults in Cyprus**

Benjamin Weitz (SM, HSPH)

Supervisors: Dr. Panayiotis Kouis (UCY) - Dr Petros Mouzourides (UCY)- Dr. Angelos Kassianos (CUT) - Dr. Carolina Zilli Vieira (HSPH)

17:05 - 17:30 Coffee Break

17:30 - Session 2: Health effects of environmental factors

- 4. Ambient temperatures and mental health hospital admissions in Cyprus**
Amanda Larasati (SM, HSPH)
Supervisors: Dr. Annalisa Quattrocchi (UNIC) - Dr. Barrak Alahmad (HSPH)
- 5. Ambient temperatures and respiratory hospital admissions in Kuwait**
Saanya Sharmar (SM, HSPH)
Supervisors: Dr. Souzana Achilleos (UNIC) - Dr. Barrak Alahmad (HSPH)
- 6. Health effects of short-term exposure to ultrafine particles on cause-specific mortality in Athens, Greece in 2010-2019**
Rezaul Rippon (SM, HSPH)
Supervisors: Prof. Evi Samoli (University of Athens) - Dr. Evangelia Diapouli (National Centre for Scientific Research “Demokritos”) - Dr. Carolina Zilli Vieira (HSPH)
- 7. Allergic sensitization and respiratory health in children with asthma in the Eastern Mediterranean**
Yinying Qian (SM, HSPH)
Supervisors: Dr. Panayiotis Kouis (UCY) - Dr. Constantinos Pitsios (UCY) - Prof. Eric Garshick (HSPH)

18:30 Closing remarks

Prof. Panayiotis Yiallourous (University of Cyprus)