

Weather and Well-Being: Communicating Biometeorological Knowledge for Public Health

Library room at the Historical University of Barcelona
5 – 6 September 2024

Thursday 5 September

9:-9:05	Tanja Cegnar	Opening and introduction
9:05-9:10	Leo Peeters Weem	TF welcome address
9:10-9:15	Scott Sheridan	ISB Welcome address
9:15-9:20	Natalia Berghi	WMO Welcome address
9:20-9:30	Tour de table	
9:30-9:50	Gerald Fleming	From product to service; the essential role of excellence in communication
9:50-10:10	Scott Sheridan	Modeling the heat-health relationship for risk communication: comparing the Wet Bulb Globe Temperature to Heat Index.
10:10-10:30	Jay Trobec	Application of wind chill, heat index, and other “feels-like” weather indices
BREAK		
11:00-11:20	Natalia Berghi	Strengthening Regional Communication: Insights into WMO-WHO Collaboration and Health-Meteorology Integration
11:20-11:40	Jordi Mason	The influence of thermal discomfort on the attention index of teenagers: an experimental evaluation
11:40-12:00	Fragkeskos Kekkou	Temperature Extremes and human health in Cyprus: Investigating the impact of heat and cold waves
12:00-12:20	Andreas Matzarakis	Visualization possibilities of human biometeorological data and information
12:20-12:40	Christos Giannaros	Hourly values of an advanced human-biometeorological index for diverse populations from 1991 to 2020: Exploitability and communication aspects
12:40-13:00	Zhikai Peng	Cooling Effects and Skin Temperature Recovery in Urban Environments
LUNCH		

14:00-14:20	Beatriz Sanchez	Assessing spatiotemporal changes in heat stress at the city scale in Madrid with the mesoscale WRF-comfort model
14:20-14:40	Heinke Schlünzen	Communication and transfer of knowledge via standards: Assessing thermal effects for urban areas
14:40-15:10	Maria de Fatima Andrade	WMO GAW Urban Research Meteorology and Environment (GURME) project
15:10-15:30	Thanos Damialis	Allergies and other environmental diseases: from climate change to One Health and to multi-exposome
BREAK		
16:00-16:30	Aleksandra Kazmierczak	Responding to the impacts of climate change on human health and wellbeing
16:30-16:50	Rasmus Benestad	Modelling how climate change may affect outbreak of diarrhoea
16:50-17:10	Alberto Martilli	Assessing heat stress with a mesoscale model. An application of WRF-comfort to Valencia
17:10-17:30	Peter Crank	Climate and (mental) health in cities: exploring the intersection of schizophrenia and atmospheric science in the context of an urbanizing world
17:30-17:50	Luis Lecha Estela	The extremes of thermal regime and daily mortality in Cuba
17:50-18:00	Wrap-up the first day	

Friday 6 September

9:00-9:20	Andreas Matzarakis	Heat Warnings and Communication in Germany
9:20-9:40	David M. Schultz	Weather Effects on the Spread of COVID-19: Failure of the Scientific Enterprise in 2020 and 2021
9:40-10:00	Emma Markey	Establishment of the Irish Pollen Network
10:00-10:30	Meurville Marie-Pierre	EUMETNET AutoPollen: building a European network for automatic bioaerosol detection
BREAK		
11:00-11:20	Lidija Srnec	Biometeorology in DHMZ - operational and research activities
11:20-11:40	Andreas Matzarakis	Sport Events and human Biometeorology – The FIFA 2022 in Qatar and Olympic Games 2020 in Tokyo
11:40-12:00	Pablo Fernandez de Arroyabe	From biometeorological science to emotional communication of risk
12:00-12:20	Tanja Cegnar	Highlights of the biometeorological research in Slovenia and information provided daily
12:20-12:40	Aida Perramon Malavez	Association of temperature and absolute humidity with influenza illness in Catalonia, Spain
12:40-13:00	Wrap-up and recommendations	
LUNCH		
14:00-17:00	Examples of resident-friendly architecture and urban planning solutions in Barcelona	