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12th Workshop on the Theory and Use of Regional Climate Models | (smr 4096)

Friday 29 August 2025

Water Cycle section - Kastler Lecture Hall (AGH) (09:00-17:00)

time	title	presenter
09:00	Regional Climate Modeling of Anthropogenic Water Cycle Perturbations: Focus on Irrigation	FAN YUWEN, EUN-SOON IM (THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, HONG KONG)
09:30	Characterization of temperature and humidity effects on extreme heat stress under global warming and urban growth	IM EUN-SOON
09:45	Assessing Future Livability in Southeast Asia Based on Dynamically-Downscaled Climate Projections Using RegCM5	HAN LIAO
10:00	Engineering Options and Pathways for Mitigating FutureCompound Flooding Risks in Shanghai	ZHAN TIAN
10:15	Projections of Compounded Extreme Rainfall Events under SSP5-8.5 from CMIP6 Models for Flood Risk Assessment in Kelantan and Terengganu, Malaysia	Z. SA'ADI
10:30	Coffee break	
11:00	Assessment of the climate change impact on the discharge of the Italian river network using Convection Permitting climate models	LUIZA VARGAS
11:30	Assessment of Simulation Capability and Projection of Drought over China Based on CMIP6 Global Climate Models	YING XU
11:45	Integrating Dynamic Land Use Data into Regional Climate Models for RegCM4 in Iran	LOBAT KOSARI MOGHADDAM
12:00	Assessing RegCM's Performance in Simulating Drought: A Case Study for Hungary	TÍMEA KALMÁR
12:15	Linking extreme wet and dry events over the humid tropics to the tropical basins	ISMAILA DIALLO
12:30	Lunch break	
14:00	LAB: The multiplicity problem for independent tests in geophysical fields and what we can do about it	CHEN LU