



Take urgent action to combat climate change and its impacts

**Research**

**Temporal Evolution of Sub-daily Precipitation Extremes in Hong Kong: Dependency on Temperature and Implications to Flash Floods**

Due to the lack of high-quality intraday-scale precipitation data of sufficient time length and spatial range, the understanding of intraday-scale extreme precipitation and the response of flash floods to temperature rise is still limited. Based on the precipitation records of Hong Kong, Dr Li Jianfeng worked with other researchers to study the temporal evolution of the intensity, duration and total amount of intraday-scale extreme precipitation events and their relationship with temperature. This topic will help improve people's understanding of intra-day scale extreme precipitation changes under climate warming and its potential impact on flash floods. The results of this research will have practical implications for Hong Kong and other cities to enhance their resilience to climate change, especially in flood control management.



**This knowledge can help us evaluate the risks of water changing and environmental hazards, and enhance the climate readiness of our cities and regions.**

**Dr Li Jianfeng**



Focusing on the responses of hydrological cycles and climate extremes under the changing environment, Dr Li's research helps advance scientific understanding of the hydro-meteorological mechanisms under climate change and evaluate future risks of water and environmental hazards. His publications have been cited for more than 1100 times with a high impact factor. He was given the President's Award for Outstanding Performance as Young Researcher in 2019 based on his outstanding academic contribution.

**Dr Li Jianfeng**

Department of Geography

**Event**

**Youth Delegates of the 27th United Nations Climate Change Conference**

Several youth delegates of The 27th United Nations Climate Change Conference (COP27) held three "Youth Dialogue on Climate Change" sessions at CUHK, HKU, and HKBU in succession. The objectives of the events were to build new platforms for local youth to discuss climate change and to ensure that youth's role in climate action was highlighted, inspired, and recognised across Hong Kong and even across the globe. This event provided HKBU students a great opportunity to voice out their thoughts and take part in such a pertinent issue.



**Event**

**Climate Education Kick-off**

The Office of Student Affairs at HKBU organised a workshop to help students understand the difficulties of climate change. By playing tabletop games, students' understanding and awareness could be enhanced while unifying education for a foothold in climate action.



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**Facility**  
**Green Spaces**

Green spaces help the environment by bringing down city temperatures and filtering dust and pollutants from the air. HKBU has planted and constructed green roofs, terraces, and other green places to improve the green spaces on campus.



Herbs Corner at The Wing Lung Bank Building for Business Studies (4/F)



Green Roof at Oen Hall Building (Main Building) (12/F)



Green Wall at Academic and Administration Building Podium (3/F)



Floral Garden at Academic and Administration Building (10/F)



Sculpture Garden at Communication and Visual Arts Building

107 Publications

In top journals 53%

FWCI 1.67

Highly cited 24%