

IAHR-HK 5MD Competition

Date: February 23, 2019

Time: 09:30 – 12:30

Venue: CPD-2.58, 2/F Centennial Campus, HKU

Chair: Dr. May Chui, HKU Civil Engineering

Judging Panel: Prof. P.K. Chan, Prof. A. Jayawardena, Prof. Albert K.H. Kwan

Rundown

Time	Items																														
09:30 – 10:00	Preparation <ul style="list-style-type: none"> - Set up microphones, computer, projector and presentation files - Briefings to competitors and judges 																														
10:00 – 10:05	Event open: Introduction by Chair <ul style="list-style-type: none"> - Welcoming remarks - Describes the 5MD concept - Introduces the judges - Describes the rules and judging criteria 																														
10:05 – 12:00	Presentation <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Name</th> <th style="text-align: center;">Presentation Title</th> <th style="text-align: center;">University</th> </tr> </thead> <tbody> <tr> <td>FENG Xiao</td> <td>How to rationally estimate the fresh water discharge from outlets to estuary?</td> <td>HKU</td> </tr> <tr> <td>Fedi ZOUARI</td> <td>Internal pipe imaging using transient waves</td> <td>HKUST</td> </tr> <tr> <td>LI Fei</td> <td>Investigation on the transient air-water flows in urban stormwater drainage systems</td> <td>PolyU</td> </tr> <tr> <td>Md Lokman HOSSAIN</td> <td>Grassland biodiversity response to hydrological drought</td> <td>HKBU</td> </tr> <tr> <td>YANG Yang</td> <td>Predicting outflow hydrographs from green infrastructure sites using deep learning methods</td> <td>HKU</td> </tr> <tr> <td>Fandy CHENG</td> <td>The zonal oscillation of the western North Pacific Subtropical High and its impacts on East Asia summer precipitation</td> <td>HKUST</td> </tr> <tr> <td>Daniel BARTLEY</td> <td>Initial feasibility study for a "Building with Nature" erosion solution at a local beach</td> <td>PolyU</td> </tr> <tr> <td colspan="3" style="text-align: center;">Break (5 minutes)</td> </tr> <tr> <td>LAI Yangchen</td> <td>Intensifying tropical cyclone-induced extreme precipitation in China and the related large-scale circulations</td> <td>HKBU</td> </tr> </tbody> </table>	Name	Presentation Title	University	FENG Xiao	How to rationally estimate the fresh water discharge from outlets to estuary?	HKU	Fedi ZOUARI	Internal pipe imaging using transient waves	HKUST	LI Fei	Investigation on the transient air-water flows in urban stormwater drainage systems	PolyU	Md Lokman HOSSAIN	Grassland biodiversity response to hydrological drought	HKBU	YANG Yang	Predicting outflow hydrographs from green infrastructure sites using deep learning methods	HKU	Fandy CHENG	The zonal oscillation of the western North Pacific Subtropical High and its impacts on East Asia summer precipitation	HKUST	Daniel BARTLEY	Initial feasibility study for a "Building with Nature" erosion solution at a local beach	PolyU	Break (5 minutes)			LAI Yangchen	Intensifying tropical cyclone-induced extreme precipitation in China and the related large-scale circulations	HKBU
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	HUANG Peng	Laboratory investigation of hyporheic exchange in straight and meandering streams with pool-riffle sequences	HKU
	DAI Lun	Spatiotemporal data mining reveals the variation of monsoon rain-belt in East China	HKUST
	WANG Yao	Experimental and numerical studies on fish behavior in a modified flow field	PolyU
	PAN Mengxin	Mining the atmospheric rivers in the East Asia	HKUST
	ZHANG Kun	Implementing sustainable urban drainage system (SuDS) in shallow groundwater environment	HKU
	George GRIGOROPOULOS	High-frequency acoustic waves for water pipe diagnosis	HKUST
	YAN Xu-Feng	Investigating vegetated flows and bed morphology change	PolyU
12:00 – 12:15	Break – Judges deliberate on the scores and the winners		
12:15 – 12:30	Conclusion – Winners announced – Vote of thanks – Photo shoot with competitors and judges – Event close		