Class A Prediction Symposium on

DEBRIS FLOW IMPACT FORCES ON SINGLE AND DUAL BARRIERS

Hong Kong SAR, 8 to 9 May 2022

Organised by:

Centre for Slope Safety
斜坡安全中心
A MULTIDISCIPLINARY PROJECT LED BY
THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Co-organised by:

IMHE

NTNU
Norwegian University of Science and Technology

CEDD
土木工程拓展署 土力工程處
Geotechnical Engineering Office
Civil Engineering and Development Department

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Registration Fee:
Online participation: FREE
In-person attendance: USD 200

Non-financial supporting organisations:

HKIE THE HONG KONG INSTITUTION OF ENGINEERS 香港工程師學會
Geotechnical Division 岩土分部

HKGES 香港岩土工程學會
Since 2003

https://slope-aoe.hkust.edu.hk/

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ABOUT THE SYMPOSIUM

The Centre for Slope Safety in conjunction with the Institute of Mountain Hazards and Environment of the Chinese Academy of Sciences, the Norwegian University of Science and Technology and the Geotechnical Engineering Office of the Civil Engineering and Development Department, Government of Hong Kong SAR invite you to participate in the **Class A Prediction Symposium on "Debris flow impact forces on single and dual barriers"**.

The aim of this symposium is to advance scientific knowledge and engineering practice in debris flow hazards mitigation. The symposium will be **held at The Hong Kong University of Science and Technology** on 8 and 9 May 2022.

Participants will be provided the details of flume dimensions, barriers, instrumentation and debris properties that would be typically available to a designer. Any predictive tool is allowed for the prediction exercise. **Instructions and submission template for prediction results** can be downloaded from the symposium website (**https://slope-aoe.hkust.edu.hk/**).

We anticipate that the symposium will take place **in-person**. However, we are planning for the symposium to be **a hybrid event with virtual components** available for participants who are unable to travel to Hong Kong SAR.

The Centre for Slope Safety is funded by the Area of Excellence Scheme (Project No. AoE/E-603/18) provided by the Research Grants Council of Hong Kong SAR and consists of the following institutions:

香港科技大學 THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
香 港 大 學 THE UNIVERSITY OF HONG KONG
香港中文大學 The Chinese University of Hong Kong
THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學
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香港天文台 HONG KONG OBSERVATORY
救災 HKJCDPRI
香港紅十字會 HONG KONG RED CROSS
IMHE
NGI
AECOM
HKIE

PROGRAMME

8 May 2022	
09:00-09:45	Keynote lecture 1
09:45-10:30	Keynote lecture 2
10:30-12:00	Presentation of physical test results
13:00-16:00	Presentation by the winners
9 May 2022	
09:00-09:45	Keynote lecture 3
09:45-10:30	Keynote lecture 4
10:30-12:00	Round table discussion
13:00-16:00	Visit to the flume facility and landslide site