

ORGANISED BY
URBAN ENGINEERING
DEVELOPMENT SPECIAL INTEREST
GROUP (UEDSIG)

25 MARCH 2023
(SATURDAY)

11.30 A.M. – 1.30 P.M.



WEBINAR TALK ON “URBAN FLASH FLOODING AND THE REVISED CURVE NUMBER MODEL”

Research Outcomes of the research supported by the Ministry of Higher Education (MoHE)
through the Fundamental Research Grant Scheme (FRGS/1/2021/WAB07/UTAR/02/1)



Speaker : **Ir. Dr. Lloyd Ling**

Ir. Dr. Lloyd Ling is an Associate Professor and a Deputy Dean of R&D and Postgraduate Programme of the Lee Kong Chian Faculty of Engineering and Science (LKC FES) at Universiti Tunku Abdul Rahman (UTAR). He is an Associate Fellow of the ASEAN Academy of Engineering and Technology (AAET) and appointed as a panel member of the Engineering Technology Accreditation Council (ETAC) and Engineering Accreditation Council (EAC) while he serves the Earthquake Technical Committee of the Department of Standards Malaysia under the Ministry of International Trade and Industry (MITI). He has been an active principal researcher and research member of national and several industrial research grants in Malaysia.

Synopsis:

The United States Department of Agriculture (USDA), Soil Conservation Services (SCS) rainfall-runoff model is accepted worldwide, rooted into many design manuals and also appears in every hydrology textbook whereby university lecturers and professors are teaching students year after year worldwide.

This research traced back its origin and rederived the model. SCS model practitioners can now avoid committing type II errors with the revised runoff predictive models to achieve higher accuracy in runoff predictions.

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