2nd International Conference on Civil Engineering for Sustainability and Disaster Resilience 2024 (ICCESDiRe'24)

POST– CONFERENCE WORKSHOP

Workshop Information:

15 August 2024 (Thursday)

Session 1: 9AM-2PM
Session 2: 2PM-5.45PM

KOE - GPCL E0 (LEVEL 3)

Closing date:
12th August 2024

DISCOUNT -RM20!!

Fees:
- ~~RM150~~ **RM130**: Non-conference participants
- ~~RM100~~ **RM80**: Conference participants
- ~~RM50~~ **RM30**: IIUM student/staff

INSTRUCTION:
1. Payment Link:
https://conference.iium.edu.my/ICCESDIRE/index.php/payment/
2. Registration after payment
https://forms.gle/yTJLihh2CRYbaZGa8

Dr. Ehsan Saghatforoush

School of Construction Economics and Management, Faculty of Engineering and the Built Environment, University of the Witwatersrand, Johannesburg

First Session:
The Use of Building Information Modelling (BIM) and Dynamic BIM for Sustainable Construction of Infrastructure Projects

The purpose of the workshop is to impart advanced Building Information Modelling (BIM) and Dynamic BIM concepts in order to apply them in the built environment. The aim is to make audiences familiar with the use of Navisworks software to integrate stakeholders in a construction project. Multiple real examples of successful BIM implementation will be presented.

Session schedule:

9.00 am-10.30 am	Introduction to BIM and Dynamic BIM
10.30 am-11.00 am	Coffee break
11.00 am-12.30 pm	Autodesk Navisworks Software DEMO
12.30 pm-1.00 pm	Q&A
1.00 pm-2.00 pm	Lunch break

Ir Dr. Izihan Ibrahim

Civil Engineering Department, International Islamic University Malaysia

Second Session:
Modelling with HEC-RAS: 1D Steady-State Flow Analysis of a Single River Reach

Join us for a comprehensive workshop on HEC-RAS (Hydrologic Engineering Center's River Analysis System), designed for engineers, hydrologists, and water resource professionals. This hands-on workshop will provide you with the fundamental knowledge and practical skills needed to effectively use HEC-RAS for river analysis and floodplain management.

Session schedule:

2.00 pm-2.15 pm	Introduction to HEC-RAS
2.15 pm-3.15 pm	Setting up 1D geometry of a single river reach (hands-on)
3.15 pm-4.00 pm	1D steady-state flow analysis of a single river reach – part 1 (hands-on)
4.00 pm-4.15 pm	Coffee break
4.15 pm-5.15 pm	1D steady-state flow analysis of a single river reach – part 2 (hands-on)
5.15 pm-5.45 pm	Q&A and closing remarks