

Accomplishing more with MIKE Powered by DHI

A university license case study in Malaysia



Frequent publishing in higher-quality publications



Influx of more substantial grant proposals



Collaborations to extend and enhance student research



Increased interest from potential students

Challenge

Monash University Malaysia's Civil Engineering Discipline has been educating students on nature-based solutions in managing water quantity and quality under climate change scenarios since 2013. But limited budgets have made it difficult to procure quality and accessible software. By leveraging MIKE Powered by DHI's cost-effective academic licenses, Monash University Malaysia are able to provide hands-on training using essential industry standard modelling software. Achieving these goals does not come easily when budgets and support are in limited supply.

With few affordable software packages available for academic use, Monash University Malaysia's Civil Engineering Discipline attempted to utilise free-sourced options and were left disappointed. The constraints of subpar functionality, training resources and accessibility impacted the quality of their research and therefore the education they aimed to provide their students.

Solution

Two years into the program, the Civil Engineering discipline discovered MIKE Powered by DHI software. After reading many published studies that referenced MIKE software and witnessing the success of peers who recommended it, the department decided to explore the potential.

Monash University Malaysia's Civil Engineering Discipline has maintained access to both MIKE 11 and MIKE FLOOD for the last 7 years through the provision of a university license. They have used the software to research integrated flood risks in Malaysian river catchments by modelling scenarios for high-risk flood-prone areas and are eager to expand software use into undergraduate final year projects where students can leverage it to solve hypothetical needs based on real-life case studies.



"MIKE software has comprehensive coverage and functionality, and the Academic License provides the opportunity and motivation to try it."

Izni Zahidi (DEng, MIEM, PEng), Lecturer in Civil Engineering
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