

20 years of coastal modelling with MIKE

How doctoral students at Griffith University benefit from academic licenses



Published research results in esteemed journals



Prepared students with hands-on experience



Maximised budget without sacrificing quality

Challenge

Griffith University's School of Engineering strives to educate their students on how to sustain the natural environment and its resources in a modern society through engineering. At the PhD level, this requires access to reliable and advanced tools on a limited budget. MIKE Powered by DHI's cost-effective academic licenses provide these doctoral students the opportunity to tackle in-depth research using real-world applications.

There are few applications that offer advanced functionality and real-world application at a reasonable price point. Fortunately, professors at Griffith University have been using MIKE Powered by DHI products to teach coastal modelling since 2003.

Solution

Over the last two decades, access to MIKE software such as MIKE 21/3, MIKE 3 Wave FM and MIKE HYDRO River through academic licenses has provided both graduate students the opportunity to tackle niche research topics using industry standard tools.

By using the software, PhD candidates pursuing research related to hydrodynamics and transport topics in water and coastal engineering obtained an improved understanding surrounding the dynamics of catchments and estuaries as well as how predicted climate change impacts future planning.

Their research outcomes have been published in high-quality worldwide journals and presented in both international and national conferences.



"MIKE Powered by DHI offers some of the best software in water and coastal engineering. It is user friendly and the support resources are greatly appreciated"

Hong Zhang, Professor in Coastal and Water Engineering
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