



Protecting over **10 million**
people from floods.

You can too.

DHI are the first people you should call when you have a tough challenge to solve in a water environment – be it a river, a reservoir, an ocean, a coastline, within a city or a factory.

Our knowledge of water environments is second-to-none. It represents 50 years of dedicated research and real-life experience from more than 140 countries. We strive to make this knowledge globally accessible to clients and partners by channelling it through our local teams and unique software.

Our world is water. So whether you need to save water, share it fairly, improve its quality, quantify its impact or manage its flow, we can help. Our knowledge, combined with our team's expertise and the power of our technology, holds the key to unlocking the right solution.

The expert in **WATER ENVIRONMENTS**



Local solution

Central Vietnam – **home to over 10 million people** – is located in a tropical monsoon area. Typhoons and the mountains running along the Laotian border make it vulnerable to rainfall-related disasters. The downstream area **suffers from sudden flooding**, whereas the area upstream faces landslides and flash floods. Future climate change may worsen these water-related disasters.

The Vietnamese government is **taking measures to prevent disasters** such as these. But in order to do that, they needed an assessment of flood risk and an integrated flood management plan that took climate change into consideration.

Using our **MIKE FLOOD software**, we analysed flood events in the entire Huong River Basin in the Hue province. We took into account climate changes, dams operation, and city planning. We also produced a series of flood maps. This allowed the local authorities to assess their water resource development master plan and develop evacuation plans.

Global knowledge

A comprehensive tool, MIKE FLOOD covers **all aspects of flood modelling**. It integrates flood plains, streets, rivers, coastal areas, and sewer and storm water systems into one package.

The result: flood management decisions based on comprehensive data, ensuring the safety of your residents. From the smallest towns to largest cities, we can adapt our solution to analyse and meet your specific needs.



For more information on this solution, visit
www.dhigroup.com/Publications/DHISignatureProjects/vietnam



Contact us, marketing@dhigroup.com
Visit us, www.dhigroup.com

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