Actively manage risks with more insightful predictions of hydrological events and their consequences

Flood & Drought

Do you want access to deeper insights on the potential impacts of extreme weather events?	Would you like to receive alerts and communicate risks using the latest technologies?	Do you want to make data driven decisions on how to prioritise, justify and target investments?

As the frequency of extreme hydrological events increases, societies need to be prepared and ensure they are resilient and capable of adapting to natural hazards now and in the future. This requires a deeper level of insight as to the potential impacts of extreme events on both the economy and population. By quantifying risks, deploying robust analytical tools and reliable forecasting techniques, you can drive action by designing optimal portfolios of mitigation, response and risk transfer measures.

Services & Solutions

DHI helps bridge the gap between assessing risks and making risk-informed decisions. We rely on advanced modelling technology, artificial intelligence and Model Predictive Control to analyse, forecast and communicate hydrological hazards and risks to stakeholders who need to prioritise, justify and target investments. But we do not stop there. Our technologies allow you to understand the benefits of your investments, re-adjust and transfer residual risks to private markets.

- **Capture flood hazards in all its dimensions**
- **Seamlessly quantify impacts**
- **Design interventions and evaluate adaptation pathways**
- **Disseminate reliable alerts**
- **Optimise river infrastructure operations in real-time**
- **Transfer residual risks through parametric insurance**

Core technology

MIKE+ is an integrated water modelling platform that provides all the insights required to assess potential flooding impacts on both the built and natural environment.

FloodRisk is a dynamic flood mapping application which allows users to test different climate scenarios and potential mitigation measures to support the development of flood protection plans.

MIKE OPERATIONS is an open software platform that empowers users to build real-time flood forecasting systems.

Global Hydrological Model is a subscription based data portal that provides instant access to global hydrological hindcast and forecast data for use in real-time operational systems.

Contact: **info@dhigroup.com**   Visit: **www.dhigroup.com/**   More: **https://tinyurl.com/y7gkll83**

The expert in **WATER ENVIRONMENTS**

DHI