Software – Highlights

The integrated platform for advanced modelling of urban water

MIKE URBAN+ / MIKE URBAN+ ArcGIS

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Are you aware of your hydraulic network performance?

Do you want to improve efficiency by creating 2D flood maps in a continuous workflow?

Would you like to secure your future investments in water infrastructures and build resilient and sustainable solutions?

Imagine

Increased demand for cost efficiency in network investments, operation and maintenance of existing assets, as well as the challenge to comply with regulatory requirements and keep up with climate change are real concerns for water utilities. Imagine using a complete, all-in-one integrated urban water modelling application with these features and more:

Short learning curve with uncompromised efficiency

Achieve quick results no matter your modelling experience.

High simulation speed

The high-performance interface, database and hydraulic engines promise accuracy and speed even when modelling mega cities.

Integrated urban water modelling

Integrated platform for modelling water distribution, collection systems and flooding based on state-of-the-art technology.

Enhanced Water Distribution tools

Optimise the planning, operation and maintenance of your water distribution network efficiently.

Our solution

MIKE URBAN+ helps you model all urban water systems, including water distribution, storm water drainage, sewer collection in separate and combined systems as well as integrated urban flooding. It offers full hydrological and hydraulic modelling including water quality for all parts of the urban water systems. Selection of key features:

- Integrated hydraulic, water quality, fire flow, multi-source tracing, flushing, pipe criticality and real-time control simulation
- Integrated hydraulic, hydrology, LID, sediment transport, water quality, real-time control and long-term statistics
- All-in-one 2D flood modelling based on coupled flexible mesh model dynamically coupled to 1D stormwater model
- Thematic mapping and integrated dynamic result visualisation with multi-screen support
- Open data models – easy integration with other applications
- Storm Water Quality module for computations of surface sediments & pollution build-up and wash-off
- Sediment transport simulation

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