

Release Notes 2020

MIKE FLOOD

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Introduction

Welcome to MIKE FLOOD 2020 Update 1

In this Release Note you will find information about new features of MIKE FLOOD and what you need to know in order to install and get started with Release 2020.

MIKE FLOOD is a flexible user interface framework for dynamic linking of MIKE's one-dimensional and two-dimensional flood modeling packages. MIKE FLOOD is the integrated flood modelling package for rivers (MIKE HYDRO River and MIKE 11), overland flow (MIKE 21), and urban drainage (MIKE URBAN). This combination ensures maximum flexibility by allowing users to model some areas in 2D detail, while other areas can be modelled in 1D, and hence the perfect modelling tool to apply for a wide range of flood related application including Coastal flooding, Urban flooding and Riverine flooding.

System requirements

The recommended minimum system requirements are:

Fully supported Windows operating systems *	Windows 10 Pro, version 1909 (64 bit) Windows Server 2016 Standard (64 bit) Windows Server 2019 Standard (64 bit)
Processor	x64, 2.2 GHz (or higher)
Memory (RAM)	2 GB (or higher)
Hard disk	40 GB (or higher)
Monitor	SVGA, resolution 1024x768 in 16-bit color
Graphics adapter	64 MB RAM (256 MB RAM or higher recommended), 32-bit true color
File system	NTFS

Software requirements	Microsoft .NET Framework 4.7.2 or later
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* Fully supported operating systems are systems that have been tested in accordance with MIKE's Quality Assurance procedures and where warranty and software maintenance agreement conditions apply.

Installation

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DHI License Management - If you are installing on a computer or server where you will also install the license file, please also install the DHI License Manager. It must be downloaded separately.

To install MIKE FLOOD, please go to the MIKE Zero product folder and execute the setup.exe file either on the MIKE 2020 USB or from the downloaded, un-zipped installation files. Press the 'Install' button to begin installation.

The setup program will automatically install all necessary files and folders on your computer. Additionally, an entry is created in the Start Menu for MIKE Zero.

Important information: Please be aware that all MIKE software on the same computer must be installed with the same service pack. This is due to the dependencies between MIKE software products and the ability for the software to use the latest feature and systems updates.

License file and dongle

To use MIKE software in licensed mode, please refer to the DHI License Manager Release Notes. ([License Manager Release Notes](#))

Product invocation

Launch 'MIKE Zero' from the Windows Start menu. Then you can select MIKE FLOOD from within the MIKE Zero Shell.

Starting any MIKE Zero application without a DHI configured hardware key and valid license files will cause the program to run in demo mode. If this happens, a message box will inform you during program initialization. When running in demo mode, the MIKE Zero installation supplies full access to all editors, computational engines and editing facilities. However, restrictions apply to the setups that can be executed as a model simulation.

Support

For general support, please refer to our [FAQ](#).

If you experience any difficulties, or if you have questions, please contact our Customer Success team by e-mail or phone:

Customer Success

DHI A/S
Agern Allé 5
DK-2970 Hørsholm
Denmark

mike@dhigroup.com

Tel: +45 4516 9333

You can also contact your local Customer Success team for support in your local language. You can find the list [here](#).

New features and fixed issues

Release 2020 Update 1

Every new release of MIKE FLOOD consists of new modules, new features and/or corrections to problems or significant inconsistencies discovered in previous releases. Please find short descriptions of the most significant news in Release 2020 Update 1 below.

Fixed issues

Module/type	Error/Inconvenience
MIKE FLOOD	Corrections, stability and performance improvements.

Release 2020

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New features

Module/type	New feature
MIKE FLOOD	Support for MIKE URBAN+ models in MIKE FLOOD.
MIKE FLOOD	New lateral coupling to MIKE URBAN+ Natural Channels in MIKE FLOOD.

Fixed issues

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Module/type	Error/Inconvenience
MIKE FLOOD	An error has been corrected when simulating a MIKE FLOOD model using the MIKE 1D engine with the AD links set as active. In such cases, the model ran but AD calculations were not included.
Documentation	Updated 3-way example to work with MIKE URBAN+.