Release Notes 2026

LITPACK

Contents:

Introduction

Welcome to LITPACK 2026.

In this Release Note you will find information about new features, improvements and fixes, and what you need to know to install and get started with Release 2026.

LITPACK is an integrated modelling system for littoral processes and coastline kinetics. It covers the modelling of non-cohesive sediment transport in waves and currents, littoral drift, coastline evolution and profile development along quasi-uniform beaches.

System requirements

Supported Operating Systems

The supported operating systems listed below have been tested in accordance with MIKE's Quality Assurance procedures. DHI's warranty, as set out in the General Terms and Conditions (Schedule 1) for MIKE software and Software Maintenance Agreement (Schedule 4) only apply when MIKE software is installed and used on these supported systems:

Windows 10 Pro version 22H2, Windows 11 Pro versions 24H2 & 23H2, Windows Server 2022 version 21H2

Any operating system **not listed** is considered **unsupported**. Installing or using MIKE software on an unsupported system is at Licensee's own risk and DHI provides **no warranty**, **no maintenance coverage**, and is **not obligated** to offer support or troubleshooting.

Please note: Even if an operating system is listed as supported, it will be considered **unsupported** if MIKE software is run in a virtualized environment, e.g., a guest operating system or a Docker container.

Minimum hardware/software requirements

Processor	Compatible with x64 instruction set architecture, 2.2 GHz or higher*
Memory (RAM)	4 GB or higher**
Storage	64 GB or higher**
Display	Resolution 1024 x 720 (High-Definition) or higher, 24-bit color (true color)
Graphics adapter	64 MB RAM (256 MB RAM or higher recommended), 32-bit true color
Software requirements	Microsoft .NET Desktop Runtime 8.0.0 (or later patch)

* LITPACK is developed, built, and tested using Intel® technology on Intel® processors.

** The actual required amount of memory and disk space depend on the usage (application, model setup, size of data files etc.)

Installation

To install LITPACK, please go to the MIKE Zero product folder and execute the setup.exe file 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 onto your computer. Additionally, an entry is created in the Start Menu for MIKE Zero.

Licensing

With Release 2026, we are introducing a new licensing system for MIKE software.

For on-line users, the new Internet License Server is more secure and robust, and less dependent on a stable internet connection. This should significantly increase the overall reliability of the Internet License Server.

For off-line users, the main difference is that dongles and license files are replaced by a Network License Server that is locked to specific computer. Just like the old dongles, a Network License Server can distribute licenses across a local network.

The existing Internet License Server will be phased out by the end of 2026. We will communicate more details of this phase-out to users of the existing system in Q2 2026.

In the new system,

- Every company needs an Administrator to manage Entitlements. This person will be created automatically by Customer Care.
- The Administrator can add Users in their company's Webportal.
- The Administrator can set up Local License Servers for off-line usage.
- Users can configure their connection to the Internet License Server or a Local License Server from the new desktop DHI License Manager.

All the required files will be installed during the MIKE Software installation. The details of the installation, configuration and connecting to your License Server are described in the documentation for the DHI License Manager.

Note: Starting any MIKE Software without a valid license will cause the program to run in demo mode. When running in demo mode, the software has access to all editors, computational engines and editing facilities. The restrictions that apply to saving setups and executing simulations are product specific.

Product invocation

Launch 'MIKE Zero' from the Windows Start menu. Then you can select 'Littoral Processes FM' or 'LITPACK Toolbox' from within the MIKE Zero Shell.

Support

For general support, please refer to our Customer Care Portal.

If you experience any difficulties, or if you have questions, please contact our Customer Care team at mike@dhigroup.com.

You can also contact your local Customer Care team for support in your local language. A list can be accessed from here.

New features and fixed issues

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

New features and improvements

Module/type	New feature
Littoral Processes FM	For coastline evolution, the option to include the effect of a starving bed has been added. This reduces the sediment transport when the shoreline recedes beyond a given position (see Figure 1).
Littoral Processes FM	Specification of water level has been extended to allow input items of the type 'Surface elevation' (see Figure 2).
Littoral Processes FM	Specification of water height has been extended so it can be given as significant wave height instead of RMS wave height (see Figure 3).

Fixed issues

Module/type	Error/Inconvenience
Littoral Processes FM	Improved numerical stability in the LITPACK engine.

Figures

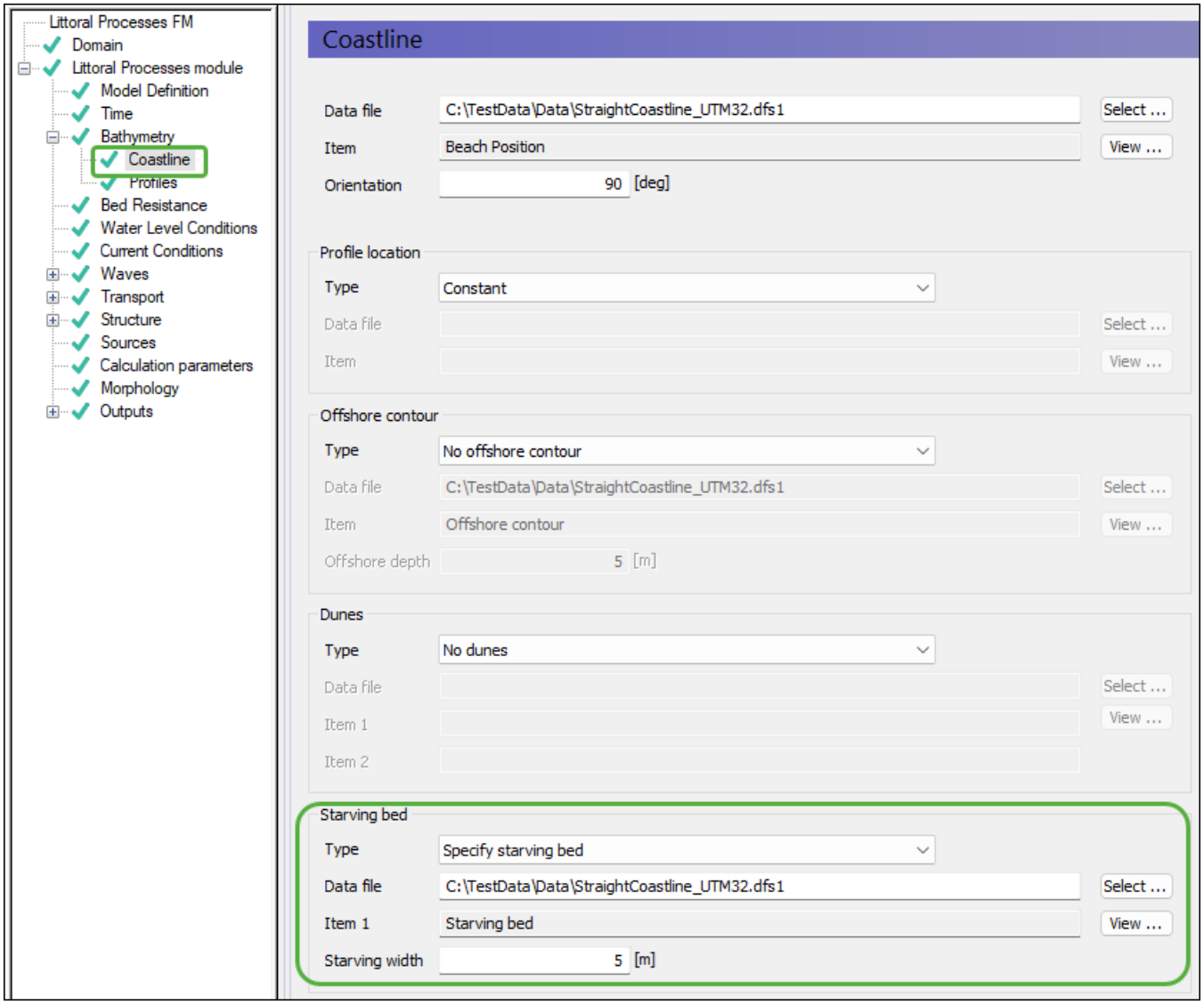

Figure 1 – Starving bed for coastline evolution

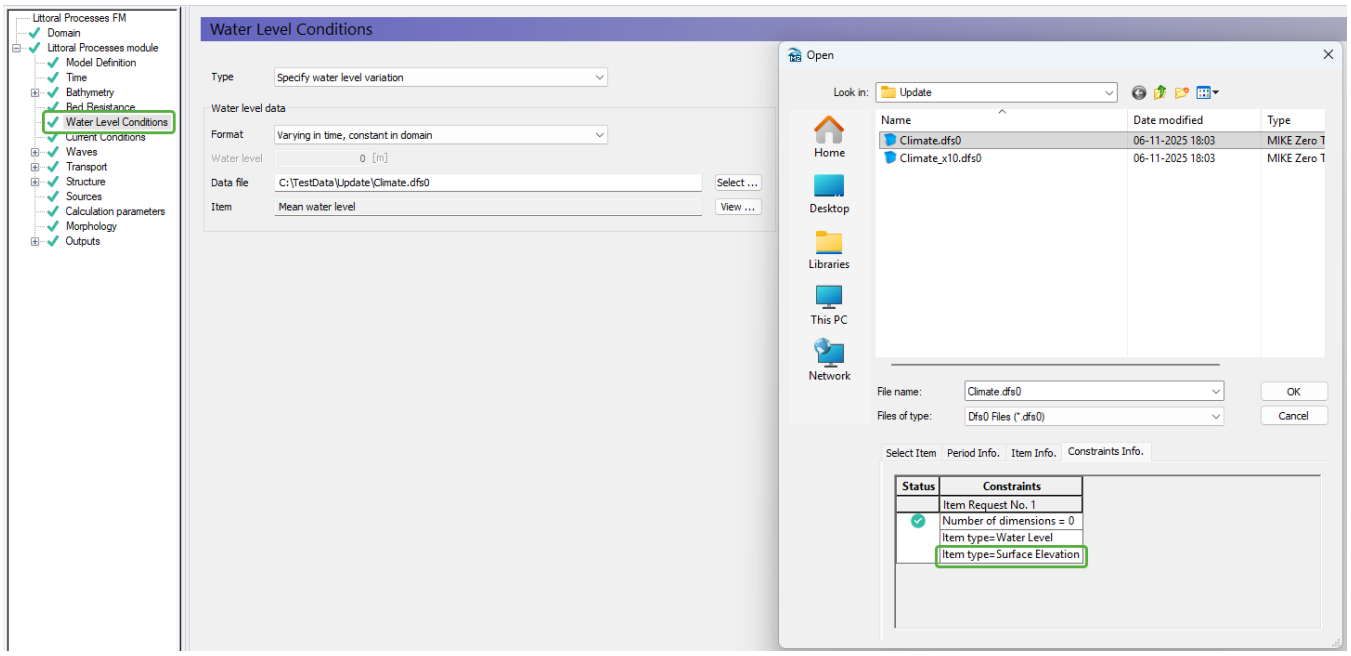

Figure 2 – Support for input items of type ‘Surface elevation’

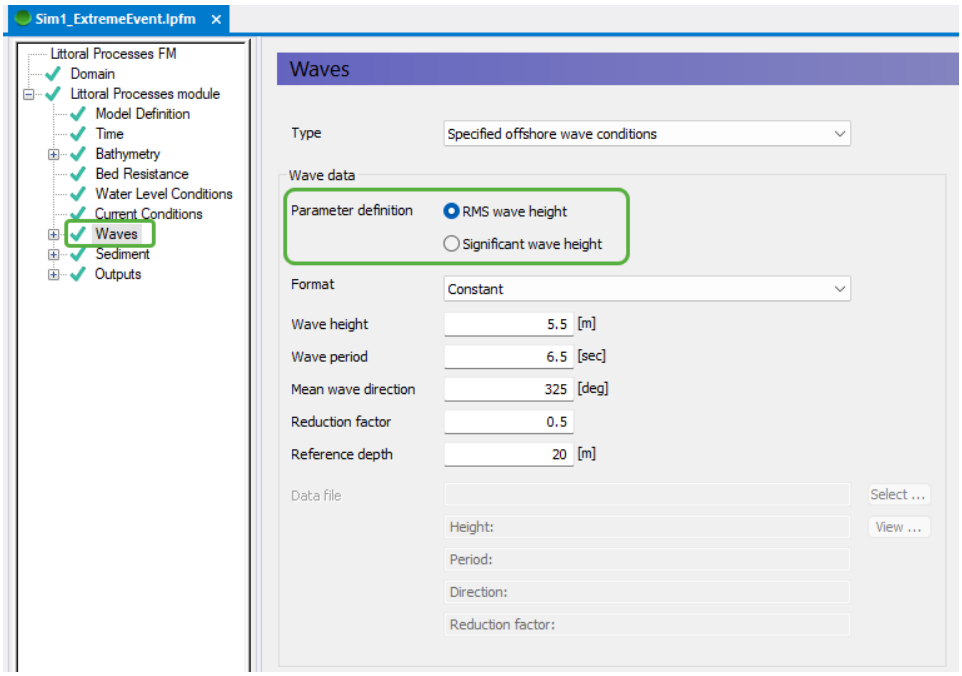

Figure 3 – Specifying type of wave height