History of Changes for HydroSWMM

	2026/05/31	**Public Release (Installer Version 6_2026_05_31)**
I	*Improvement*	Reorder node type dropdown
I	*Improvement*	Force open command window for function execution
I	*Improvement*	CSV importer - UTF8 encoding
B	*Bug Fix*	Model Merge from Selection
B	*Bug Fix*	Account for Regional Settings for Google Streetview
B	*Bug Fix*	Sqlite Date Time ignored trailing Z
B	*Bug Fix*	Save geo coordinates for jpg
N	*New Function*	Automated Assistance with AiTog via e-mail
	2025/10/31	**Public Release (Installer Version 6_2025_10_31)**
I	*Improvement*	Renumber UI
B	*Bug Fix*	Crash on Save As
B	*Bug Fix*	Remove deprecated Bing Maps option
B	*Bug Fix*	Grid Find/Replace crash fix
N	*New Function*	GeoTiff to DTM on load
N	*New Function*	Renumber Codes along Longest Paths
N	*New Function*	Quick table summary
N	*New Function*	Pipe Catalogue
	2025/03/31	**Public Release (Installer Version 6_2025_03_31)**
I	*Improvement*	Google map capture completion check improvement
I	*Improvement*	NGI Maps updated (new source - IE no longer supported)
N	*New Function*	Export polygons to points with same data
	2024/11/30	**Public Release (Installer Version 6_2024_11_30)**
I	*Improvement*	Zip format GIS lock file message
I	*Improvement*	Option with single Vlookup for delimited values in from comparison field
B	*Bug Fix*	Prevent error notification for every copy field in multi vlookup on error
N	*New Function*	Determine Scouring Velocity based on percentage filled for pipes
N	*New Function*	Model reference saving in GIS Projects
	2024/05/31	**Public Release (Installer Version 6_2024_05_31)**
I	*Improvement*	Model import from GIS projection and multi-part checks
B	*Bug Fix*	Catch Model Save As failure for excessive path length
N	*New Function*	Addition of default Esri Custom Map Sets
	2024/01/31	**Public Release (Installer Version 6_2024_01_31)**
I	*Improvement*	Upgrade to GLS Mapbox for OpenStreetMaps and Satellite Imagery
I	*Improvement*	Planbook dialogue improvements
I	*Improvement*	Delete Multiple Vertices function added
I	*Improvement*	Network Topology: duplicate link refactor fix
I	*Improvement*	Error Reporting on Invalid External Connection Files
I	*Improvement*	Support licensing of concurrent instances on same machine
I	*Improvement*	Support licensing of Mapbox and Google Maps only for valid SMA
I	*Improvement*	Restructure of menus
B	*Bug Fix*	Fix label move on same layer bug
B	*Bug Fix*	Network Topology: duplicate link refactor
B	*Bug Fix*	Fix calculate water course
B	*Bug Fix*	Fix updated elevations from DTM
B	*Bug Fix*	Fix non-breaking space character issue
N	*New Function*	Addition of Mapbox Graphite Map Theme
N	*New Function*	Support Convex Hull GIS operation
	2023/10/31	**Public Release (Installer Version 6_2023_10_31)**
B	*Bug Fix*	GIS layer save prompt on Drawing tab close
B	*Bug Fix*	CAD Text outline shade colour to apply and save to drawing
I	*Improvement*	Handling of invalid or expired licenses
I	*Improvement*	Reinstate ECW read-only support
I	*Improvement*	Bug tracking communication updated
I	*Improvement*	Add Street to Link Types
I	*Improvement*	User confirmation before running time-consuming functions
I	*Improvement*	Bug tracking communication updated
N	*New Function*	Migrate Catchment to Draingage Node to GIS Layer

N	*New Function*	Drawing tab right-click closing options added
N	*New Function*	Handling of invalid or expired licenses
N	*New Function*	Mapgrid enhancements for linear naming for level 1 blocks
N	*New Function*	Handling of invalid or expired licenses
	2023/07/31	**Public Release (Installer Version 6_2023_07_31)**
B	*Bug Fix*	Model Assign Projection for 64-bit versions
B	*Bug Fix*	Fix Load Linked DTM when multiple DTMs are linked to model
I	*Improvement*	User Resize Error Report Form
N	*New Function*	Ability to change privacy consent setting
N	*New Function*	Create polygon grid
N	*New Function*	Sqlite to ESRI GDB (and vice versa) converter
N	*New Function*	Drag ESRI GDB into GIS
	2023/01/31	**Public Release (Installer Version 6_2023_01_31)**
B	*Bug Fix*	Quick Start Form behaviour and version number fix
I	*Improvement*	Halt function execution while saving from blue star
I	*Improvement*	Updated Help Files
	2022/10/31	**Public Release (Installer Version 6_2022_10_31)**
B	*Bug Fix*	Selection of non-model entity in Simulation report form
I	*Improvement*	Various UI improvements on input/edit forms
I	*Improvement*	Improved performance and accuracy of catchment generation functionality
I	*Improvement*	DTM colour ranges
N	*New Function*	Generic GIS Buffer
N	*New Function*	New compression library used to support large files
N	*New Function*	Option to modify source file paths of GIS project file
N	*New Function*	New zipped shape and sqlite support when working over network with large files
	2022/06/30	**Public Release (Installer Version 6_2022_06_30)**
B	*Bug Fix*	Remove faulty items in read of INFLOWS section
B	*Bug Fix*	Error in Merge Models
I	*Improvement*	Registration info encryption type update
N	*New Function*	Edit Selected Values from Selection Filter (Find and Replace)
N	*New Function*	Access Google Map API via EdgeBrowser - requires WebView2Runtime
N	*New Function*	Option to Reset Local Licenses if files become corrupt
	2022/03/31	**Public Release (Installer Version 6_2022_02_28)**
B	*Bug Fix*	Revert JS version for google map downloads
B	*Bug Fix*	Fixed crash on application close when TChart objects were created
B	*Bug Fix*	Downstream path iterative select link to follow fixed
I	*Improvement*	Generic Report Form display improvements
I	*Improvement*	Additional info fields options added to GIS Long Section
N	*New Function*	Select/Show unlinked appurtenances
N	*New Function*	Save render categories as individual tables
B	*Bug Fix*	Correct model lock check on blue star click
B	*Bug Fix*	Fixed program exit memory leak after displaying any graph
I	*Improvement*	External/Third-party acknowledgements appendix in Help documents
I	*Improvement*	Multi-VLookup add fields to copy improvement
N	*New Function*	Order model selection with traversal
N	*New Function*	User Theme Backup functionality
B	*Bug Fix*	Remove dead node cad entities after merge and save
B	*Bug Fix*	VLookup failure on outer joined tables
B	*Bug Fix*	Traversal for very large models
B	*Bug Fix*	Ensure correct fieldnames when copying results clipboard
I	*Improvement*	Copy, Cut and Paste in datapane/property editor
I	*Improvement*	Lock file messages for model load and save
I	*Improvement*	Disable form controls while operation is busy
N	*New Function*	Custom Webmap loader
N	*New Function*	Selection Builder using spatial selection toolkit

	2021/04/30	**Public Release (Installer Version 1_2021_04_30)**
B	*Bug Fix*	Prevent inserting node on node causing zero-length links
B	*Bug Fix*	Fix data sorting in fields for text starting with 'inf' or 'nan'
I	*Improvement*	POPI/GDPR compliance
I	*Improvement*	Implement new Google External Maps
I	*Improvement*	Improved Google Street View
I	*Improvement*	Update of Mapbox Satellite Maps
I	*Improvement*	Re-introduce network topology integrity check on model load with zero-length link check
I	*Improvement*	GLS GIS Conversion Tool export to GIS restructured
N	*New Function*	GIS Polygon clipping tools
N	*New Function*	GLS GIS Conversion Tool now supports export to GeoJSON files
	2020/11/30	**Public Release (Installer Version 1_2020_11_30)**
I	*Improvement*	Disable editing of result fields in model tables
I	*Improvement*	Option to abort application shutdown or model closure with unsaved changes
I	*Improvement*	Section editing improvements
N	*New Function*	Create SCS Curve from Point Rainfall Data
N	*New Function*	Add LIDS
	2020/09/30	**Public Release (Installer Version 1_2020_09_30)**