

Version 5 Release Notes

Version 5 is a major release of SWAN that introduces a range of bugfixes and enhancements, most notably support for new TOXSWA tooling and multiple soil metabolites.

System Requirements

SWAN is officially supported and formally tested on the following operating systems:

- Windows 7 (64 bit edition)
- Windows 10 (64 bit edition)

Other Windows operating systems from Windows 7 onwards are likely to work but are not officially supported and testing has not been carried out on these platforms. Versions of Windows earlier than Windows 7 will no longer work since SWAN version 5.

Support Tools Versions

SWAN 5 supports the following tool versions:

- MACRO Shell: 5.5.4
- PRZM Shell: 4.3.1
- TOXSWA Shell: 5.5.3
- VFS Mod: 4.2.4

Additionally, SWAN 5 has backwards compatibility for TOXSWA 4.4.2 projects (as supported in SWAN 4).

Installation

The provided SwanSetup.exe is used to install, uninstall and repair the application (repair and uninstall can also be carried out in the usual way in Windows).

Installed versions of SWAN 4 will be removed, but SWAN 3 can be installed alongside SWAN 5 if desired (to allow you to run legacy projects).

SWAN requires the .NET Framework 4.6.1 or higher installed on your system. This is built-in to Windows 10 since the November 2015 update and most Windows 7

installations will already have it; if you do not, the installer will download and install it automatically. Alternatively, you can download it directly from Microsoft at <https://www.microsoft.com/en-gb/download/details.aspx?id=49981>

Change History

New in Version 5

- SWAN-35: Fixed a scenario where some parameters were not set correctly after loading a .tpf file.
- SWAN-43: The batch mode grid no longer jumps back to the top every time you close a dialog box.
- SWAN-44: Manual spray drift loadings larger than step 3 loadings are now permitted with a warning.
- SWAN-45: The currently running project name is now displayed while VFS Mod is running.
- SWAN-46: Added support for multiple soil metabolites.
- SWAN-47: Added compatibility for processing changes in TOXSWA 5.5.3.
- SWAN-49: SWAN can now provide backwards compatibility with TOXSWA 4.4.2 projects without requiring a separate install of SWAN 4.
- SWAN-50: Added support for new file format for TOXSWA 5.5.3.
- SWAN-51: Corrected some erroneous validation that could apply in batch mode.
- SWAN-54: Validation is now correctly applied for run-off settings in batch mode.
- SWAN-55: Corrected VFS Mod not running successfully on Windows 10 installations with certain console settings.
- SWAN-56: Miscellaneous small GUI fixes.
- SWAN-57: Cancelling after a validation message in batch mode no longer saves the values entered.
- SWAN-59: A warning message is now shown to users if they proceed with all mitigations disabled.
- SWAN-60: Fixed an issue with loading .tpf files in the German locale.
- SWAN-63, SWAN-66: Corrected small rounding issues with some numbers.
- SWAN-69: Deleting all projects in batch mode no longer prevents any further progress in SWAN.

Known Issues

Known Issues in Version 5

- SWAN-64: Batch mode can lose the configured source folder if the destination folder wasn't configured.
- SWAN-65: Batch mode can give a critical error when trying to copy an incomplete project.
- SWAN-68: VFS Mod progress reporting does not correctly take account of metabolites.
- SWAN-70: Under very particular circumstances, the .tpf file path may not be updated correctly.
- SWAN-84: Applying further mitigations to a project that has already been mitigated succeeds but further progress in the SWAN GUI is not then possible.

Not SWAN Issues

- VFS Mod does not run correctly in some locales, e.g. German (Germany). The SWAN documentation describes a workaround to this problem by changing Windows locale configuration.
- VFS Mod does not support multiple soil metabolites. The VFS Mod option will be disabled if you are running such a project.