SWAT+ Workshop: Software Installation Instructions

Before the workshop, please ensure you have installed the latest versions of **QGIS 3.34 (Long-Term Release)** and **SWAT+ 3.0.8**, which includes QSWAT+ and the SWAT+ Editor.

We recommend **uninstalling any previous versions** before installing the latest versions.

* SWAT+ Installation Guide & Download Links: https://swatplus.gitbook.io/docs/installation
* Quick video installation guide: https://youtu.be/2oBnX5MtJIg

# For ERDC staff with RDE laptops and Non-USACE Staff

1. Uninstall Old Versions (if applicable). If you have older versions of QGIS, QSWAT+, or SWAT+ Editor, uninstall them before proceeding.
2. Install QGIS 3.34:
   1. Download QGIS 3.34 (Long-Term Release) from: <https://qgis.org/en/site/forusers/download.html>
      1. Download links and instructions can also be found at the SWAT+ installation site, <https://swatplus.gitbook.io/docs/installation>
   2. Run the installer and follow the default setup.
3. Install SWAT+ 3.0.8 (Includes QSWAT+ and SWAT+ Editor)
   1. Download SWAT+3.0.8 from: <https://swatplus.gitbook.io/docs/installation>
   2. Run the installer and follow the on-screen instructions.
   3. After installation, verify that QSWAT+ and SWAT+ Editor are installed.
4. Verify Installation
   1. Open QGIS 3.34 and check if QSWAT+ is available under the Plugins menu.
   2. Open SWAT+ Editor to ensure it loads properly.

# USACE Staff with ACEIT Laptops (Install Software via AppPortal)

1. Uninstall Old Versions (if applicable). If you have older versions of QGIS, QSWAT+, or SWAT+ Editor, uninstall them before proceeding. If you do not have administrative rights, contact the ACEIT Enterprise Service Desk (ESD) at 866-562-2348.
2. Install QGIS 3.34:
   1. Using your web browser, navigate to the AppPortal site for QGIS 3.34 “Prizren”: <https://app-portal.usace.army.mil/esd/Items/Details?Packageld=16470>
   2. Authenticate using your CAC.
   3. Click the “Request Install” button.
3. Install **SWAT+ Version 3.0.8**, if it is available. (An update request has been filed, but as of Feb 21, the latest version of SWAT+ is not available.) Otherwise, install **SWAT+ Version 2.3**. The package includes QSWAT+ and SWAT+ Editor.
   1. Using your web browser, navigate to the AppPortal site. Search for “SWAT+”.
   2. Authenticate using your CAC.
   3. Click the “Request Install” button.
   4. If you need assistance, contact the ACEIT Enterprise Service Desk (ESD) at 866-562-2348 and ask for assistance.
4. Verify Installation
   1. Open QGIS 3.34 and check if QSWAT+ is available under the Plugins menu.
   2. Open SWAT+ Editor to ensure it loads properly.

# Technical Support

If you need technical assistance, contact Jaclyn at [jaclyn.tech@ag.tamu.edu](mailto:jaclyn.tech@ag.tamu.edu).