WASP Workshop Software Installations (Windows)

The WASP Workshop software can be downloaded by clicking on the links below. Please install all files prior to attending the workshop. The WASP model should not need administrative rights to install. Depending upon your computer configuration you may need rights to install the Water Resources Database (WRDB). If you are planning on trying the R Calibration scripts, R and R Studio require administrative rights to install.

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| --- | --- | --- |
| **Software** | **Download Link** | **File Name / Root Link** |
| **WASP Version 8.43** | [**Download**](https://epawasp.twool.com/resources/WASP-Version-8.4.3-Install-64-Bit-10-14-2024.exe) | WASP-Version-8.4.3-Install-64-Bit-10-14-2024.exe  https://epawasp.twool.com/download/ |
| **Zipped WASP Version 8.43 (Alternate Install Method)**— Zipped WASP Installation, download and unzip to install WASP on your computer if Windows Installer fails. | [**Download**](https://epawasp.twool.com/resources/WASP-Version-8_4_3.zip) | WASP-Version-8\_4\_3.zip  https://epawasp.twool.com/download/ |
| **Water Resources Database (WRDB Version 7.1.0.48)** — Database management system that is specifically designed to work with water quality data, model input data and plot and review model output. *You need to have this installed for the workshop.* | [**Download**](http://www.wrdb.com/download/wrdb7/Setup%20WRDB%207_1_0_48.exe) | Setup WRDB 7\_1\_0\_48.exe  http://www.wrdb.com/ |
| **R Software (R v.4.4.0)** — for advanced users. Will be used for model calibration | [**Download**](https://cran.rstudio.com/bin/windows/base/old/4.4.0) | R-4.4.0-win.exe  https://www.r-project.org/ |
| **R-Studio Software (Optional)** — for advanced users. Will be used for model calibration | [**Download**](https://download1.rstudio.org/electron/windows/RStudio-2024.09.0-375.exe) | RStudio-2024.09.0-375.exe  https://rstudio.com/products/rstudio/download |

**Notes for WASP Installation**

* The .zip file version of WASP is a duplicate of the contents installed using the WASP executable file. This is an alternate option for downloading WASP if the .exe Installer Fails on your computer. However, if you’re able to run the .exe file then you won’t need to download the .zip file.
* To confirm that WASP was successfully installed, you’ll navigate to the location of the “…\wasp\bin” folder on your computer and double-click on “wasp.exe” (as shown in Figure 1 below). (For many installations, this file will be located at C:\USEPA-WASP8\wasp\bin\wasp.exe, but can be found in other directories depending on where the User has installed the program). If the installation was successful, then you will see a WASP Model Window as shown in Figure 2 below & can proceed with the testing instructions provided in “02\_WASP Testing Instructions.docx.” If the installation failed, then you may see a blue Windows Defender Window as shown in Figure 3 below and will need to proceed through the next steps to Unblock it.
* If the WASP installation failed, then you may need to use the zipped version of WASP and “Unblock” the zip folder using one of the options described below and shown in Figures 4-6.
  + Option A: Check the “Unblock” box within the zip folder’s General Security Properties.
  + Option B: Download the zip folder to your computer, upload this same unopened zip to OneDrive (or similar Cloud storage location associated with your user account), and then re-download the zip file from OneDrive to your computer.
  + Option C: Use PowerShell as Admin to unblock the single zip

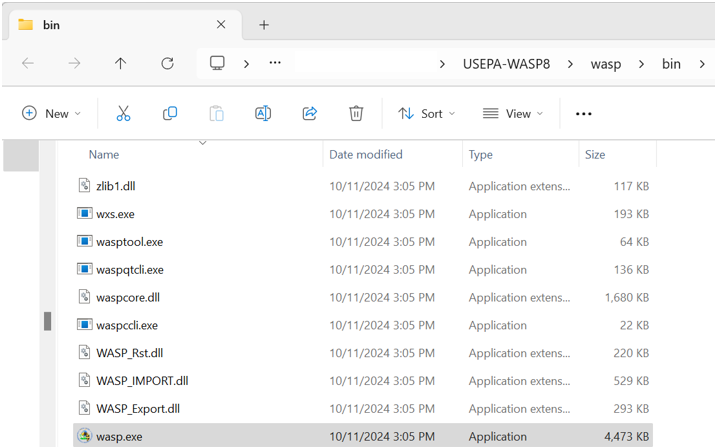


Figure 1: Opening the WASP Model

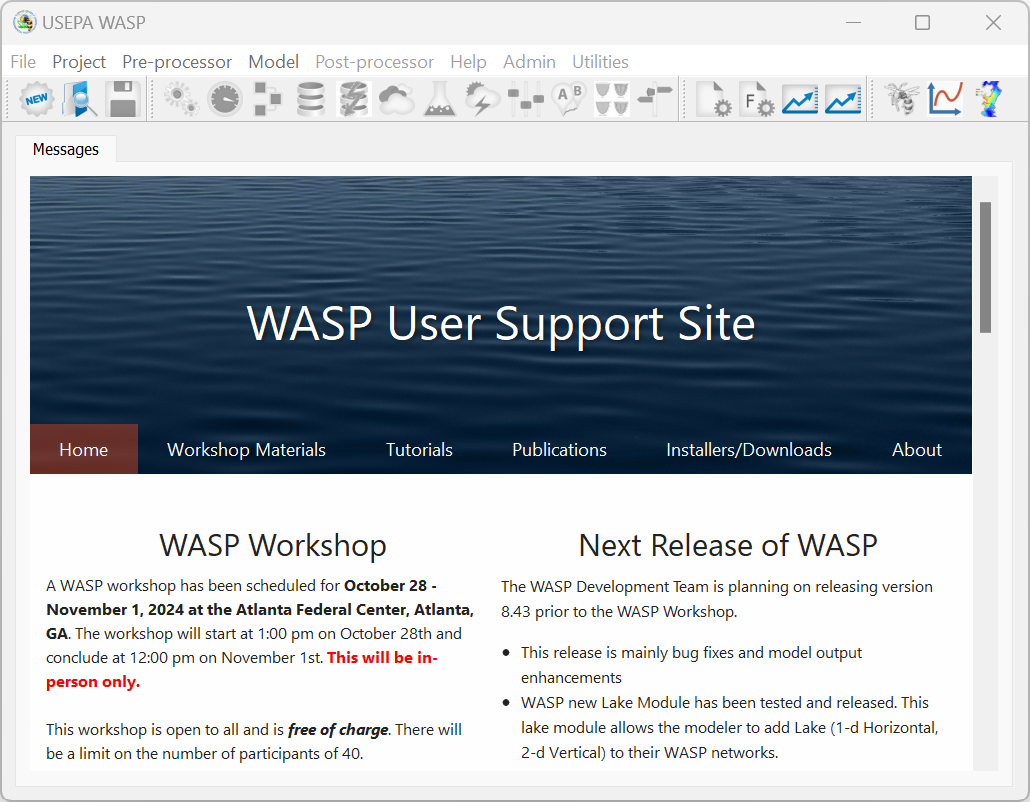


Figure 2: Successfully opened WASP Model Window

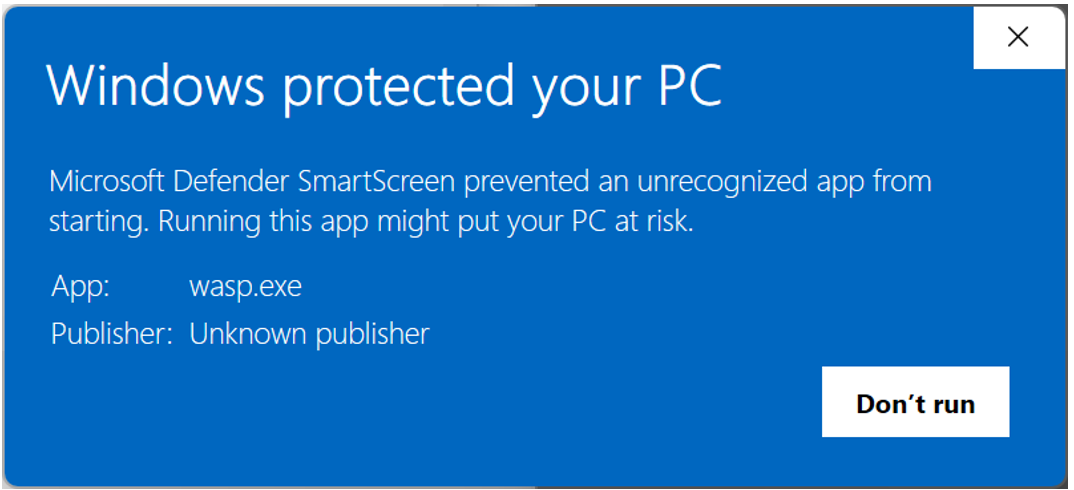


Figure 3: Failed WASP Installation

**Option A: Unblocking via General Security Properties:**

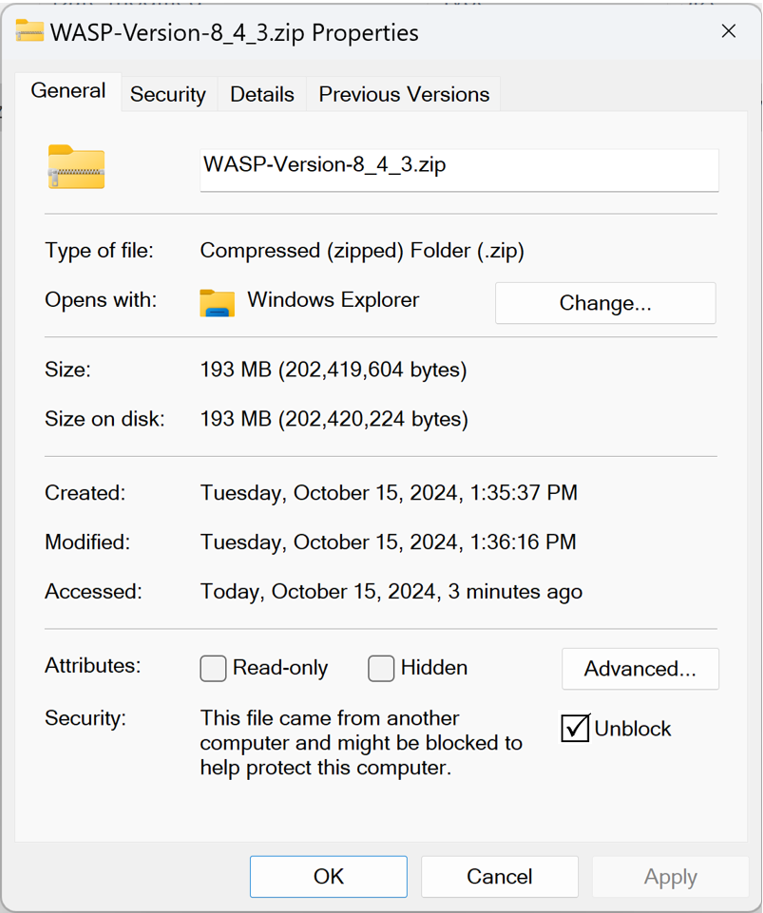


Figure 4: Option A - Unblocking via General Security Properties

**Note - If the General Properties tab does not include a “Security” Section, then you will need to try one of the other options.**

**Option C: Unblocking via Windows PowerShell:**

1. Open an elevated Windows PowerShell by searching from the start menu and selecting Windows PowerShell (Run as Administrator).

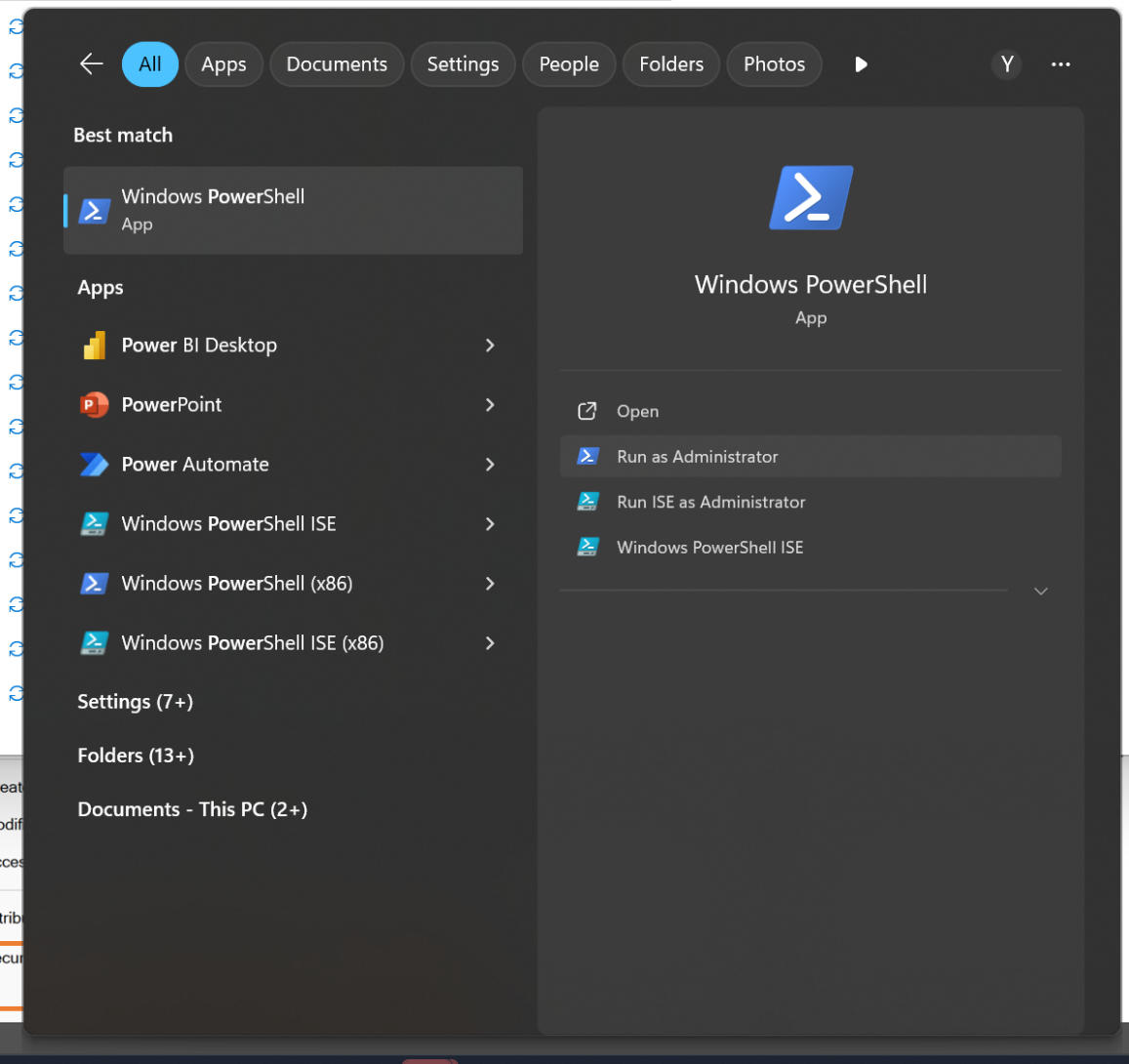


Figure 5: Opening PowerShell (as Admin)

1. In PowerShell, type the command below, and press Enter. (see screenshot below) Note: The Windows PowerShell will move to the next line without error to indicate that the command was successful.

unblock-file -path "full path of blocked file"

Substitute full path of blocked file in the command above with the actual full path of the blocked file (with file extension) that you want to unblock. Include the quotations.

For example:

unblock-file -path "C:\WASP-Version-8\_4\_3.zip"

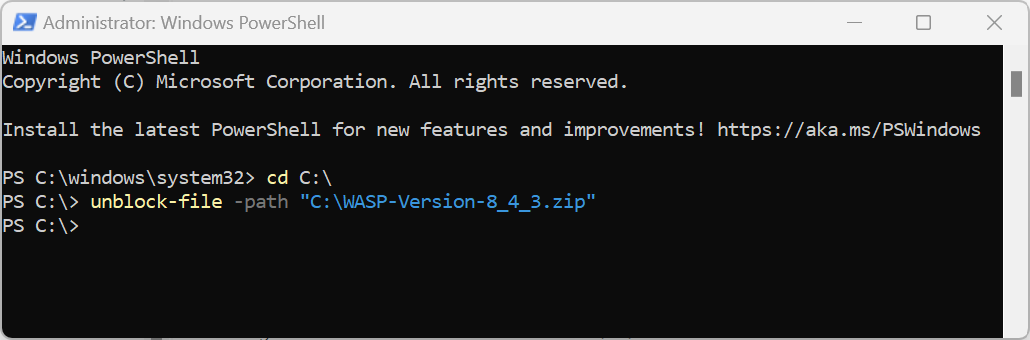


Figure 6: Option C - Unblocking via PowerShell