

SWAT2009.93.6 System Requirements

Key Procedures

- Load or select the ArcSWAT extension
- Delineate the watershed and define the HRUs (including landuse, soil, and slope as a unique HRU)
- (Optional) Edit SWAT databases
- Define the weather data
- Apply the default input files writer
- (Optional) Edit the default input files
- Set up (requires specification of simulation period, PET calculation method, etc.) and run SWAT
- (Optional) Apply a calibration tool
- (Optional) auto-calibration and uncertainty tool using SWAT-CUP
- (Optional) Analyze, plot and graph SWAT output (VizSWAT)

System Requirements

The SWAT2009/ArcSWAT 2009.93.6 Interface requires:

Hardware:

- Personal computer using a Pentium IV processor or higher, which runs at 2 gigahertz or faster
- 2 GB RAM minimum (better with 4GB for 32 bit system and >4GB for 64 bit operating system)
- 500 megabytes free memory on the hard drive for minimal installation and up to 1.25 gigabyte for a full installation (including sample datasets and US STATSGO data)

Software (ArcSWAT 2009.93.6 for ArcGIS 9.3 or ArcGIS 9.3.1 version):

- Microsoft Windows XP, or Windows 7 operating system with most recent kernel patch*
- ArcGIS-ArcView 9.3 with service pack 1 (build 1850) or ArcGIS 9.3.1 with service pack 2 (Build 4000)
- ArcGIS Spatial Analyst 9.3.x extension
- ArcGIS DotNet support (usually found in C:\Program Files\ArcGIS\DotNet\)
- Microsoft .Net Framework 2.0 with service pack 2
- [Adobe Acrobat Reader](#) version 9 or higher