



# Additional Resources





- GSSHAwiki.com is the repository for all the latest GSSHA information. This site contains the following, all available for download:
  - Tutorials
  - GSSHA utilities
  - GSSHA primer—kind of a GSSHA “quick start” and a good source of information
  - GSSHA User’s manual
  - GSSHA test cases
  - Updates on latest GSSHA features and issues
  - GSSHA executables





#### information

- [Overview](#)
- [Case Studies](#)

#### tutorials

- [Initial Setup](#)
- [Visualize Overland Flow Results](#)
- [Fixing Digital Dams](#)
- [Mapping Tables/GIS](#)
- [Stream Flow](#)
- [Visualize Stream Data](#)
- [Cross Sections](#)
- [Infiltration](#)
- [Long-Term Simulations](#)
- [Excel](#)
- [Manual Calibration](#)
- [Groundwater](#)
- [Sediment](#)
- [Wetlands](#)
- [Overland Flow Boundary Conditions](#)

#### utility programs

- [CleanDam](#)
- [Format\\_Precip](#)
- [Format\\_HMET](#)

#### primer

- [Overview](#)
- [Pre-Processing](#)
- [Model Construction](#)
- [Capabilities](#)
- [Mapping](#)
- [Routing](#)
- [Embankments](#)
- [Wetlands](#)
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## Gridded Surface Subsurface Hydrologic Analysis

(Redirected from [Main Page](#))

### Welcome to the GSSHA™ Wiki!

The GSSHA™ Wiki is the best source for up to date information on the GSSHA™ model. In the last two to three years many new features have been added to the GSSHA™ model. Many of these features were developed or released after the publication of the primer and manual. One of the main purposes of the GSSHA™ Wiki is to keep the documentation up to date with the model development. Currently we are updating all the documentation and tutorials for the model on this site, such that the information on the site changes daily. Once the overhaul of the documents is complete, modifications will be made to the Wiki to keep up with further advances and releases. If you are an experienced GSSHA™ user you may still find some model features missing from the site. This site will cover only release versions of the code. Currently we are on release version 4.0. Release version 3.0b is supported by WMS 8.1, which can be downloaded below (under the Tutorials section on this page).

As many users may be aware, support of features in WMS typically lags behind development of GSSHA™. This is necessary in that we must settle on final GSSHA™ inputs and outputs before we ask them to be added to WMS. While we strongly encourage GSSHA™ users to use WMS for pre and post processing, users should be aware that many GSSHA™ models, especially GSSHA™ models with advanced features, must be at least partially developed outside of WMS. In addition to WMS, we have developed several utilities to assist in the development of GSSHA™ inputs. These utilities already are or will be added to the site as we get to them. The documents provided here describe the actual inputs to the GSSHA™ model and should be consulted when there are questions about inputs, whether developed from WMS or by other means.

This site is always being developed, so check back often for additional improvements, updates, and resources.

Chuck

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- 2 [GSSHA™ Software Primer](#)
- 3 [GSSHA™ User's Manual](#)
- 4 [GSSHA™ Tutorials](#)
- 5 [Utility Programs](#)
- 6 [Obtaining Data](#)
- 7 [GSSHA™ Bibliography](#)
- 8 [Test Cases](#)
- 9 [Wiki Editing Guidelines](#)
- 10 [GSSHA™ Download](#)
- 11 [Disclaimer](#)

[GSSHA™ Software Primer](#)



Xmswiki.com contains the help file and the latest news and information pertaining to WMS and all the other Aquaveo software (collectively named "xms"). Specifically, the following is available on xmswiki.com:

- The GSDA data acquisition site
- Specific tips on how to use WMS
- Downloads for the latest beta version of WMS
- Screencasts on how to use WMS
- The WMS tutorials
- Help on using WMS and GSSHA
- A list of the latest bugs that have been fixed in WMS





xms projects

- XMS
- GMS
- SMS
- WMS

links

- Aquaveo
- EMS-i
- XMDf
- Help

wiki resources

- User's Guide
- Configuration settings list
- MediaWiki FAQ
- MediaWiki release mailing list

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## WMS:WMS

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  - 1.1 What's New
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## The Watershed Modeling System (WMS)

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- Take the [Quick Tour](#) to learn about the power of WMS
- [Introduction to WMS](#)

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## What's New

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- Find out about WMS 8.1 Intermediate release [bug fixes](#)
- Find out [What's new in WMS version 8.1](#)
- Find out [how to use HY-8 in WMS 8.1](#) (screencast)
- Find out [how to use catalogs in WMS 8.1](#) (screencast)
- Find out [What's new in WMS version 8.0](#)
- Find out [how to model a watershed in Maricopa County, Arizona](#).
- Find out [how to select a model](#)
- Find out [How to convert a floodplain boundary to a CAD drawing](#)

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## Installation

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- [Installing and Setting up WMS](#)

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## Support

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- [List of WMS bug fixes](#)
- [WMS Tutorials](#)



aquaveo.com contains following useful information:

- Information on upcoming training courses
- Information on Aquaveo contact information and consulting services
- Technical support information and contacts
- Links to download the latest version of WMS
- Links to user support sites such as xmswiki.com and the Aquaveo online user forum, <http://forum.aquaveo.com/>
- Questions posted to the user forum should be answered in a timely manner
- You can also call tech support for help. Tech support answers general software use questions for non-corps users.
- Project-specific consulting is also available





# Getting up and Running with GSSHA and WMS

- Training
  - ERDC GSSHA training summer courses
  - On-line training at <http://gsshawiki.com>
  - Aquaveo routinely offers WMS courses
- Documentation
  - User's Manual, Tutorials, Primer all on-line: <http://gsshawiki.com>
- One-on-one assistance
  - Email
  - Phone
  - At ERDC
  - On-site







# Additional USACE Resources

- <http://chl.erdc.usace.army.mil/gssha>
- <https://swwrp.usace.army.mil/DesktopDefault.aspx>
- <http://chl.erdc.usace.army.mil/gssha>
- WMS passwords for USACE users
  - Cassandra.g.ross@usace.army.mil
- GSSHA Development, Applications, Questions
  - charles.w.downer@usace.army.mil

