



WISE Release 2.0.8
September 8, 2004

WISE Users,

WISE Version 2.0.8 is the newest release of WISE to be distributed to users and installed on Citrix. WISE 2.0.8 has further enhancement of the Scoping and Hydraulics modules. These release notes describe what's new in WISE since WISE 2.0.7 and information on upgrading existing WISE projects.

Upgrading to WISE 2.0.8

If you are using a stand-alone installation of WISE, you should uninstall the previous version and then install WISE 2.0.8. You will need to produce a new .rgf file and obtain a new .rgg to get the full functionality of this version, but you can use a previous password file to retain previous users and teams. Refer to Getting Started with WISE for instructions on installing, registering and configuring WISE.

We are now posting service packs for WISE on our web site so you can incorporate minor corrections without reinstalling WISE or getting a new .rgg file. You will be notified by email when a new service pack is available for download. Refer to: www.watershedconcepts.com/Software/Support/DownloadCenter.html

If you are using WISE through Citrix, you can log in as usual.

Converting Projects from Previous Versions

The automatic conversion starts as soon as you open a project built with previous versions. If you're converting a project from 2.0.x, you'll be presented with the option to create a backup copy of the project. If you're converting a project from 1.9.x, then a backup copy of the project will automatically be created in the project folder (by default). The converted project will open in the plan view.

After the conversion, you should re-create the photo, historical interview and Approximate Structures shapefiles and all shapefiles for Closed Inventory or Open Inventory projects. You should also re-create all created shapefiles Scoping projects. Use the following procedure:

1. Open the project in WISE 2.0.8. When the Project Conversion prompt is shown, click Yes to convert the project. Note that conversion was successful.
2. If you are working with a Closed Inventory, Open Inventory or Hydraulics project, go to Project Options.
3. To re-create Closed Inventory or Open Inventory shapefiles, click the Setup Shapefiles button and click Yes. Replace all existing shapefiles.
4. In Hydraulics, click the open folder beside the Approximate Structure shapefile. Select the shapefile and click Yes.
5. If you are working with a Scoping project, go to the Tools menu, select Study Settings, click the Setup/Recreate All Project Shapefiles button on the Created Shapefiles tab. Click Yes to All to replace all existing created shapefiles.

New Features by Module

A summary of new features by individual module follows these general notes.

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New Features in WISE

General

- WISE has been enhanced to include a single sign-on capability for WISE Citrix users. When you click the WISE icon in the Citrix Program Neighborhood window and log into Citrix, WISE will open without requiring you to log into WISE.
- An Edit Attributes tool has been added as a general tool to be used for all modules. This new feature is available from the Edit menu and is used to edit attributes of individual shapefile features thus allowing WISE users to adjust fields within WISE without having to go to ArcView or ArcGIS.

Scoping

- Scoping has been enhanced to bypass selection of a Projected Coordinate System in Project Options. Selection of a stateplane feet Projected Coordinate System in your scoping project is now done in Study Settings. This enhancement allows each study in a multi-study scoping project to have a unique projection system.
- The default directory for created shapefiles has been edited to include the study date and study name. For example, Created_Shapefiles_<StudyDateName>.
- Study Settings has been enhanced to include the ability to select a default effective study date for effective reaches. If a default effective study date has been set up in Study Settings, unless edited directly on the reach form when a reach is drawn, the effective study date for the reach will be defaulted to the Study Settings value.
- A new tool to Import LOMCs has been added to the Get External Data menu. This tool is used to import existing data for Letters of Map Changes (LOMCs) into the scoping database. It also displays spatial data for the imported LOMC points in the Scoping planview. It can be used instead of or in addition to the existing Add LOMC tool.
- Scoping has been enhanced to include a new form for entry of community details for Record of Initial Communication. This new form can be used to record the activities involved with planning the initial community contact and recording the topics covered during telephone call(s) with the community. It is available from the Tools menu under Community Information.
- A new report has been added to the Report menu to report on community data collected for Record of Initial Communication.
- Scoping has been enhanced to include a new form for entry of details about Effective Information Library Research for a community. Use this form to record and view details about the results of your community's effective Flood Insurance Rate Map (FIRM) library research.
- A new report has been added to the Report menu to report on community data collected in the Effective Information Library Research form.

- A new study type called Approximate Study – Riverine has been added for requested reach study type selection. Existing reach reports have been updated to include reaches with this new study type.
- The Reach Information form has been enhanced to include fields to collect information on Source of Need for requested reaches and more specific information for Effective Flood Insurance Study and Engineering Analysis. These enhancements are available on the Study Information and Effective Flood Insurance Study tabs.
- The Modify Reach form has been enhanced to include the ability to edit study information for Justification and Source of Need for groups of selected reaches.
- Scoping has been enhanced to include a Merge Studies tool for Scoping Administrators. This new tool is available in the Tools menu under Administration. To merge studies, the Scoping Administrator creates a new scoping project, opens the Merge Studies tool and selects a group of existing project studies for merge (these existing studies are usually set up for different geographical areas). Upon merge the data for these multiple studies are merged into one study.
- The Query Database tool has been enhanced to allow the user to choose not to save queries.
- The Reach Report used by FEMA Region IV has been enhanced to give users the option to create either a Microsoft Office Word report or a tab-delimited text file report. This report has also been enhanced to include Justification for study requests.

Closed Inventory

- Structure forms have been enhanced to clarify the units for measure for dimensions.
- The Unknown condition is now available for selection for pipes.
- Safety measure enhancements were added to the merge tool to prevent addition of two or more crews with the same name.

Open Inventory

- Users are now able to key in dam attribute fields for Surveyed By (Basic Attributes), Material and Shape (Riser).
- The Pipe tool has been enhanced to inherit the type of Vegetation from the respective pipestubs.
- The pipe length attribute will now display in the Pipe Information form.

Hydrology

- Form field validation has been added to the To Criteria form.
- Definition of an Xsect shapefile within Project Options will now automatically load the shapefile into the Table of Contents.

Hydraulics

- The Create Graphs from Code Files tool has been phased out in WISE 2.0.8. HydraMAX has replaced this tool.
- Validation has been added to the Visual Cross Section Editor to prevent users from attaching invalid picture formats.
- The Visual Cross Section Editor, Plan Files tab has been enhanced to allow users to enter new values for Max Iterations.
- The Visual Cross Section Editor has been enhanced to allow you to use the Zoom to Selected button and the View Stream Profile button at the same time.
- HydraMAX stagnation limits have been edited so that they will not overlap internally and are now projected to the ends of the section for the outer openings.
- HydraMAX validation has been enhanced to require 2 or more stream inverts for its models.
- In addition to the existing measure tool available in the planview toolbar, a graphical measure tool has been added to HydraMAX. Left click the tool, left click in the chart to add a vertex to the measure line and double click to end measurement. The distance will be displayed in the status bar at the bottom of the window.
- The capability to graphically adjust ineffective flow areas, blocked obstructions and levees has been added to HydraMAX. The user can display or hide ineffective areas, levees, or blocked obstructions in the graphical view by right-clicking anywhere in the chart. Default structures are placed where the user right-clicks. The user can also display or hide multiple ineffective and blocked obstructions by clicking and dragging over the desired objects. Existing structures can be edited in a similar fashion as other points in the chart. For the multiple options, the selection can be removed by selecting remove band.
- When the Check Approximate Stationing tool is run it will now report all changes made.
- Users can now change the file path for the Xsect Shapefile on the Cross Section Takeoff form.
- The Cross Section Profile form validation has been enhanced to handle invalid files and password protected database files.
- A new feature to add or edit hydraulic cross sections after the creation of the HydraMAX model has been added to the HydraMAX cross-section data form. The new feature allows you to add WISE hydraulic cross sections, delete XML sections, update XML sections with new topography and n-values or update reach lengths. It is available from the Tools menu under Update XML.
- A new tool has been added to delete selected hydraulic cross sections from the plan view.