



FEMA



# Share Your Hazus Expertise

## Contribute to the Hazus Technical Compendium

### What is the Hazus Technical Compendium?

The Hazus Technical Compendium is a comprehensive collection of Hazus technical and functional knowledge articles written by Hazus users.

### Where is the Hazus Technical Compendium?

The Hazus Technical Compendium is located on the Web at [www.fema.gov/plan/prevent/hazus](http://www.fema.gov/plan/prevent/hazus). Each article is available for individual download.

### Why contribute to the Hazus Technical Compendium?

The Technical Compendium offers an easy and convenient way for users to share their knowledge with others in the Hazus user community. Bringing together material from a wide range of sources create a useful resource for Hazus users, practitioners and professionals. These graphically enhanced articles are available for distribution at Hazus User Group meetings, as well as at conferences and tradeshows. The author's name is listed as the primary contact and they receive credit for their work.

**FEMA**  
HAZUS Technical Compendium Series

**How to Redirect HAZUS to Store Local Data**  
Nick Detmering, FEMA Region X

The HAZUS Compendium is a comprehensive collection of HAZUS technical and functional knowledge written by HAZUS users.

The mission of the Washington HAZUS User Group (WAHUG) is to provide HAZUS-MH support and guidance for Washington State residents, businesses, and local government agencies interested in utilizing HAZUS-MH for mitigation and analysis purposes.

<http://www.wahug.com/wahug/>

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**FLOOD**  
**INSURANCE**  
**HAZUS MH**  
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**How to Redirect HAZUS to Store Local Data**  
Nick Detmering, FEMA Region X

If you installed HAZUS, by following the default install wizard, you may have missed the option of customizing the HAZUS source data location. If you bypassed this option, each time you begin a new study you will need the HAZUS data DVD to create the region.

Outlined below are the steps needed to obtain the data that you use most often to your local machine.

**Step 1:**  
Create a local directory on your hard drive for the HAZUS data DVD files. In the example below, the directory name is HAZUSData. Do not have spaces in the directory name, if needed, use underscores.

**Step 2:**  
Copy the data from the HAZUS data DVD to the directory. The files listed below will need to include the files: 1)ac files and subdirectories with from the root directory of the HAZUS data DVD. Note: If you are copying data from media DVD, you only need to copy the root files from one DVD.

**Step 3:**  
Open up a registry editor by selecting Start > Run > type "regedit" in the Open box and then select OK.

[www.fema.gov/plan/prevent/hazus](http://www.fema.gov/plan/prevent/hazus) | 1-877-FEMA-MAP

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WAHUG

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**Running HAZUS on Windows 7 Virtual PC Mode**

Washington HAZUS User Group (WAHUG)  
Cathy Walker, Washington State Military Department

Several months ago, Washington State's Emergency Operations Center (EOC) underwent an EOC-wide upgrade of all computer systems. This upgrade included replacing laptops located at each of the 90 job positions in the EOC with Dell Workstations running Windows 7 Professional (32-bit).

The EOC traditionally has one workstation configured to run HAZUS-MH for modeling flood and earthquake scenarios. Since HAZUS-MH-MH is not known to operate successfully in the Windows 7 environment, this PC upgrade initially posed a problem for continuing to use HAZUS-MH in the EOC. Researching the options that are available with Windows 7, the Windows Virtual PC option, that allows for older Windows XP based software to run on Windows 7, in a Virtual XP environment, seemed to be the best option for continuing to use HAZUS-MH on the newly upgraded EOC computers. Exploring the standards required for the Windows Virtual PC software revealed that it is only an option for computers that are running the Professional or Ultimate editions of the Windows 7 operating system. In addition, the PC that is set to be virtualized must also have an AMD-V, Intel VT, or VIA VT processor which is capable of hardware-assisted virtualization.

The new EOC computers met the standards for virtualization using Windows Virtual PC, so it was decided that the Virtual XP option would be used to run HAZUS-MH-MH in the EOC. First, the Windows XP Mode software was downloaded and installed from the Windows Virtual PC website [www.microsoft.com/windows/virtual-pc/Download.aspx](http://www.microsoft.com/windows/virtual-pc/Download.aspx). Then the Windows Virtual PC software was downloaded and installed. Once both pieces of

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### How do I contribute to the HAZUS Technical Compendium?

Write a brief description or step-by-step guide to a specific technical or practical Hazus application. We have assembled a group of Hazus users that will evaluate the quality of each submission and review the accuracy and completeness of the information, and the value that the information adds to the Technical Compendium library. We will assist with the layout and design and reserve the right to make minor edits to each submission. By submitting your article, you are agreeing to allow others to download and use the material for either their own, non-commercial purposes or for commercial purposes.

### Submissions should be sent to:

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