

## Using HEC-RAS with WMS 7.0

### ***How WMS 7.0 Uses HEC-RAS***

- WMS 7.0 uses a visual basic executable file called wmsras.exe and command-line arguments to access the functionality in HEC-RAS 3.1.1. If wmsras.exe is not located in the same directory as your WMS 7.0 executable file (normally names wms70.exe), you will be prompted to find this file. If you do not find this file, HEC-RAS functions will not be available (they will bring up error messages) from WMS 7.0.

### ***Installing HEC-RAS 3.1.1 for Use with WMS 7.0***

1. Obtain the HEC-RAS 3.1.1 installation file. Currently, this is the latest version of HEC-RAS. It can be downloaded from the US Army Corps of Engineers Hydrologic Engineering Center (HEC) web site at:

<http://www.hec.usace.army.mil/>

HEC-RAS 3.1.1 will also be available from the WMS 7.0 FTP site at:

[ftp://ftp.emrl.byu.edu/pub/emrl/wms/utis/hecras311\\_cdimage.exe](ftp://ftp.emrl.byu.edu/pub/emrl/wms/utis/hecras311_cdimage.exe)

It is recommended that you use the WMS 7.0 FTP site since the HEC web site may create a newer version of HEC-RAS that will not work with WMS 7.0. However, the WMS HEC-RAS interface and this document will be updated as new versions of HEC-RAS become available to the public.

2. After obtaining the HEC-RAS 3.1.1 installation file, extract all the files in this file to a temporary folder (for example, c:\temp\hecras\).
3. Go to the temporary folder and run "setup.exe" from this folder to install HEC-RAS 3.1.1. HEC-RAS can be installed in any directory you specify.
4. After installing HEC-RAS 3.1.1, all the HEC-RAS functions in WMS 7.0 will be available.