

GIS Applications in Hydrology and Hydraulics Questionnaire

March 21, 2008

The Subcommittee on Hydrology set up a workgroup to organize and publicize information on GIS applications in the fields of hydrology and hydraulics. This scope has been expanded to include related water quality, watershed management, and ecological sciences GIS applications. This work is intended to make information on GIS applications in hydrology and hydraulics more generally available. This questionnaire is designed to gather limited but key information about a particular GIS application in order for a potential user to decide if the application fits his/her computer system, data requirements, and physical system to be modeled.

These applications should be public domain and supported by user documentation. Availability on the web is not necessary if the application can be distributed on CD ROM or through e-mail requests. If a short abstract, fact sheet, or technical paper is available on the application, please attach a copy. **Please return questionnaires by May 15, 2008.**

Name of Application, date, version number:

Contact (with e-mail, web site, and/or phone number):

Brief Description:

Platform/operating system:

Web-based or desk-top application ?

Data Requirements:

Data format and compatibility:

Will the application import and export data files ?

Is the application flexible to couple with external programs and user created executables?

Are system and user documentation available? Are example applications available?

Does the application require prior installation of ESRI software? If so, which products?

Is there a user group or hotline-type support?

Please return the questionnaire to William Merkel at william.merkel@wdc.usda.gov. If there are questions or concerns please contact him at 301-504-3956. Thank you.