

Hydrology/Hydraulics GIS Applications Workgroup

Minutes of teleconference September 26, 2007

Attended: Dave Goodrich (ARS), Dan Wickwire (BLM), Jennifer Bountry (USBR), Bruce Feinberg (USBR), Kirk Cover (FERC), John Hunter (COE), Bill Merkel (NRCS), note keeper

Web Page:

The web page for the workgroup is: <http://acwi.gov/hydrology/h2gisa/>

The web page for the Subcommittee on Hydrology (SOH) is: <http://acwi.gov/hydrology>

The workgroup agreed to have a list of members available from the web page.

Charge:

The Charge (guidelines or purpose) to the workgroup is available from the web page. It was written with some specific items to be accomplished but flexible enough to allow for changing priorities and possible assignments from the SOH.

Priority Action Items of Workgroup:

1. Report. A report from the workgroup is included in the Charge. To begin this report, it was proposed to develop fact sheets (1 or 2 page summary) for GIS applications of hydrology and hydraulics.
2. Get more participation from federal and other agencies. Develop a questionnaire to request information on GIS applications in H&H.
3. Possibly prepare a web site to guide a user to particular GIS applications in H&H. This could be modeled after the web site for hydrologic models set up by the Hydrologic Modeling Workgroup.
4. Possibly set up a Net-Meeting (or something similar) for workgroup members and others to demonstrate selected GIS applications.
5. Participate in professional conferences. An upcoming conference of the AWRA GIS applications in Water Resources will be held in San Mateo, CA in March 2008.

Report to SOH:

The next meeting of the SOH will be October 18, 2007. Bill Merkel will report the progress of the work group then. Members from FHWA, NWS, FS, USGS, and other agencies will be requested.

Coordinate with other committees:

Two particular groups were identified for potential coordination. The Subcommittee on Spatial Water Data (SSWD) and CUAHSI (National Hydrologic Information System) could have subjects of mutual interest.

Action Items from Teleconference:

1. Bill Merkel will send out a sample fact sheet which could be used for a model. The members of the workgroup are requested to comment before the next teleconference.
2. Workgroup members are requested to send in links to GIS applications and data they are aware of within their own agencies.
3. Bill Merkel will write a draft abstract to be submitted to the AWRA conference on GIS applications in water resources. The members are asked to review and send comments.

Next teleconference: November 5, 2007 at 11:00 AM eastern time.

Attachment to minutes:

Selected web links to applications and data. Two of several NRCS web pages are:

<http://datagateway.nrcs.usda.gov> (select Get Data)

http://www.wsi.nrcs.usda.gov/products/W2Q/W2Q_home.html (select Hydraulics and Hydrology)

Sample fact Sheet for GIS application.