

Minutes

Hydrography Technical Work Group. March 15, 2018

NHDPlusHR Update

Brief description of NHDPlusHR. (See slides 5-8)

Hope to wrap up Cont. US Beta for NHDPlus by end of 2018.

NHDPlusHR workflow – See Slide 10

NHDPlus Refresh Schedule

- Software likes to run headwaters down
- Reviewing schedule. Will keep us informed.

NHDPlusHR for Region 17

- Is out of edit lock. Can check out production jobs. Website will be updated soon.
- Not yet at Contractor
- Expect Beta to be out Oct. 2018

NHDPlusHR Question: Hydrography Layer in NHDPlusHR - It does not currently match the NHD. Goal is to have it match in the future.

Demonstration of Joining NHDPlusFlowlineVAA to NHDFlowline tables to show Stream Order and Path Link

Demonstration of NHD Web Markup Tool

NHD Markup Tool has 2 parts – the Web Application and ArcGIS Add-On.

Web Application:

Purpose: To submit edits to NHD Editors

Users: public, academia, field staff, scientists

Link: <https://edits.nationalmap.gov/markup-app>

Browser: Google Chrome. Only one developed for

Notes: Need to be zoomed into “level 12” to see the line work

Need a Google Account to log in. Gmail or other Google type.

Must double click in window before clicking on the Save button to complete a feature

NHDFlowline – right now there are 2 choices. Planning to narrow it down to one.
MUST FILL OUT THE DESCRIPTION. Most important part.

ArcGIS Add-On

Add-On was not actually demoed. Just a review of the User Guide.

Purpose: To retrieve edits submitted through markup application for incorporation into NHD.
Access through ArcGIS to be used in an NHD Job.

Users: Trained NHD Editors

Link: Not available yet

User Guide: <https://usgs-mrs.cr.usgs.gov/MarkupReviewer/WebHelp/MarkupReviewer.htm>

Questions that came up:

- The Description is the most important. A policy is needed to define what needs to be in the Description.
- How about a test application for training? Does the Add-On work in a Test Job?
- How about storing a template with your services already added to the Web Application.
- Is there a way to identify which editor an edit is for?
- Can the Markup layer attribute be queried using ArcGIS tools?
- There is not a way to modify a description once you have saved it.

Other Updates

The National Map Upgrade:

Downtime will impact the NHD/WBD production and training stewardship websites.

Will affect the following functions of the NHD/WBD editing tools: unable to perform a "Get Job from USGS", "Send Job to USGS", and "Submit Problem Job for Inspection". In addition, the reachcode allocator and QC's will not function properly.

If you already have a Job local on your computer, you are able to continue to edit although you will not be able to allocate new reachcodes.

Please make sure that any Jobs you plan to work on during this timeframe are already in your local workspace using the "Get Job from USGS" function.

This database upgrade will **NOT** effect current job checkouts. All current jobs will be able to be checked back in once the database has been upgraded.

WBD Production Jobs on Hold:

Because of the WBD Web Edit Application. Once Web App goes live, need to do a mandatory check-in of all jobs.

Training jobs are OK but not Production

Contact USGS if you need to get a job

Testing of the WBD Web Edit Application has been pushed out. Lily (USGS) will let us know when the testing cycle begins.

NHD/WBD Tools Status:

Editor Tools: All require ArcGIS 10.5.1

- NHD: version 6.5.0.0
- WBD: version 2.7.0.1
- GeoConflation: 3.2.0.4

Tools available from NHD.usgs.gov

- HEM: version 2.10.0.1
- Utilities: version 3.2.1.1

– Network Builder Requires ArcGIS Standard or Advanced License

Other Business?

None presented.

Upcoming Events:

Please see slides.

Next Hydro TWG:

Sept. 13, 2018