# HydroAdd Technical Exchange Meeting

Q1, FY23, December 14, 2022

**Detail Agenda**

1. Current Development Status
	1. HydroAdd application
	<https://hydromaintenance.nationalmap.gov/hydro-add>
	2. HydroAdd API
	<https://hydromaintenance.nationalmap.gov/hem-soe-docs/>
	3. Public Practice Layers at AGOL
		1. Points
		<https://services.arcgis.com/v01gqwM5QqNysAAi/arcgis/rest/services/HydroAdd_Practice_Data/FeatureServer/1>
		2. Lines
		<https://services.arcgis.com/v01gqwM5QqNysAAi/arcgis/rest/services/HydroAdd_Practice_Data_Lines/FeatureServer/0>
	4. *Points editing* and *Points Batch QC* complete
	5. *Lines editing* complete, *Lines Batch QC* in development, releasing soon
	6. DEMO
2. User Projects
	1. USFS Wild and Scenic Rivers (WSR)
	2. EPA National Rivers and Stream Assessment (NRSA)
3. Future Development
	1. Near Term
		1. Release Batch QC for lines
	2. Further out
		1. Addressing to HU12
		2. Polygon events for NHDWaterbody, make new/edit
		3. HydroAdd for 3DHP/catchment addressing
		4. Researching alternatives to AGOL
4. Q&A session

## Chat questions:

1. [10:08 AM] Seay, James (EEC)
Can you make a line event across multiple flowline segments, even across multiple steam reaches?

*Yes, HydroAdd will split long lines at ReachCodes*

1. [10:33 AM] Hertle, David
How soon can we add polygons using HydroAdd?
*Dave: I am hopeful for Polygons addressing in 2023*
2. [10:33 AM] Weber, Marc
Mike, are you speaking of geoconnex? <https://internetofwater.org/geoconnex/>
*Marc, Yes, I am indeed speaking of geoconnex. I am not totally up to speed on how that will work, but I will be tangentially involved as my organization starts implementing IoW for 3DHP*
3. [10:39 AM] Schafer-Kramer, Jane@DWR
Mike, is there a training video for Hydro Add?
*Jane, don't have video classes yet, but its on the long todo list! For now, I am happy to run private training your and your crew*
4. [10:42 AM] Schafer-Kramer, Jane@DWR
and AGOL can get expensive
*Jane, yes, Esri ArcPro and AGOL do indeed get pricey. This is another reason for considering third party options.*
5. [10:42 AM] Hayes, Laura
Mike can answer about the video options, but I'll put a plug in for the User Guide too. It's linked at the bottom of the menu on the left of HydroAdd tool, and I'll paste it here too. It is quite thorough and clear, in my experience. <https://hydromaintenance.nationalmap.gov/hydro-add/HydroAddUserGuide/index.htm>
*Thanks Laura!*
6. [10:43 AM] John West
7. Here's a nice tutorial from a year ago <https://www.usgs.gov/news/technical-announcement/hydroadd-linking-water-data-stream-network-has-never-been-easier>
*Thanks John!*
8. [10:44 AM] Dierker, Alexander - FS, PORTLAND, OR
Hey Mike, is ESRI doing the developing of HydroAdd? Or is there an in house development team?
*Alex, development is in house at USGS.*