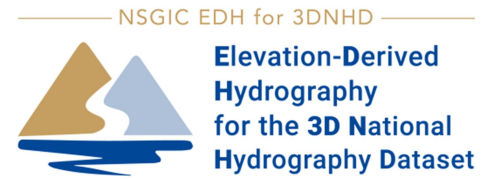


NSGIC EDH for 3DNHD
Project Introduction Webinar Q&A
January 26, 2021
Webinar recording [here](#)



Is it a requirement to participate in EDH for 3DNHD to have QL2 data or better and/or have participated in the 3DEP?

- The [USGS EDH specifications](#) do require QL2 or better data but there are no requirements for project participants to have participated in 3DEP.
- The goal of the activity is to create National hydrographic data that align closely with National elevation data. As such, the USGS EDH specifications require that 3DEP elevation data be used as the primary source, although the data need not have been collected through the 3DEP program.

Is the Texas EDH pilot project completed, and can we access it?

- No. We hope to have data available by end of FY21

How does this effort fit with StreamStats?

- We can't answer directly for the StreamStats program but StreamStats projects generally use the National Hydrography Datasets as their foundation so improvements to the quality of NHD data will potentially support improvements to the framework data underlying the StreamStats application.

How does a county or regional government get involved if they were looking at starting a project now?

- Contact their State NSGIC representative and request information about the project and how they can join the EDH for 3DNHD Interest and/or Working Groups. It's important that we coordinate participation through the NSGIC state representatives.
- They should also contact their:
 - USGS National Map Liaison. Find your Liaison [here](#).
 - State National Hydrography Dataset (NHD) and Watershed Boundary Dataset (WBD) Stewardship Points of Contact. Find your NHD and WBD contact [here](#).

Is there a good list of use cases for 3DNHD at the state/local level?

- A variety of use cases for hydrographic data are described on the [National Hydrography](#) webpage under [Benefits and Applications](#). A considerably longer list is included in [Appendix C](#) of the [National Hydrography Requirements and Benefits Study](#) from 2016.
- As part of the project we do intend to inventory state/local EDH activities in an effort to build out additional use cases. Also the NSGIC Monthly EDH webinars will feature state/local initiatives, and federal resources.

If there are already efforts underway related to NHD conflation to linework digitized from previous lidar can we keep moving forward with conflation or should we scrap it and move forward with a derived product when QL2 data is available? Not sure we have money to do both.

- Contact [Steve Aichele](#), User Engagement Hydrography Focus Area Coordinator

Are there preferences for projects focused on watersheds completely within a single state or where states have similar lidar assets on both sides of the line? Seems like a NSGIC role would be to facilitate interstate collaborations.

- There are no preferences but the 3D National Hydrography Dataset will require consistency across state lines and interstate collaboration. The NSGIC project will explore and shape that collaboration.

How do we join the EDH for 3DNHD working group?

The image shows a screenshot of the NSGIC website with several callouts explaining how to join the EDH for 3DNHD working group. The website header reads "NSGIC EDH for 3DNHD Elevation-Derived Hydrography for the 3D National Hydrography Dataset". Below the header, there is a navigation bar with links: Home | Join Us | About | Meetings | Initiatives | Advocacy Center | GeoJava | Learning Link | My.NSGIC. The main content area features a map of the United States with color-coded regions. A callout box on the right side of the page provides the following steps:

- Login to the NSGIC Website**: Non-members should follow the "Don't have a NSGIC membership? More here" then "New User" instructions.
- Go to My.NSGIC**: Select "My.NSGIC" from the far right end of the banner.
- Browse Communities**: Select "Communities" "All Communities" from the banner drop down box.
- Select the EDH Community of Interest**: Join the EDH for 3DNHD Interest Group, Working Group, or both.

I heard reference to 'no sinks, pipelines, or gages' in EDH, that they may be dropped out of EDH. The info should be part of EDH so they could be utilized in modeling hydrologic data across all products (at least as an attribute in data).

- We did not mean to say these features would not be in the 3DNHD final product (data) but they are features we cannot derive using EDH (process). We need to identify and develop alternate approaches to locating and mapping these features. It's important to note that EDH is not a panacea for all data currently in the NHD. It addresses a lot of it, but not all of it

Learn more - watch NHD videos at [USGS Hydro Playlist](#)