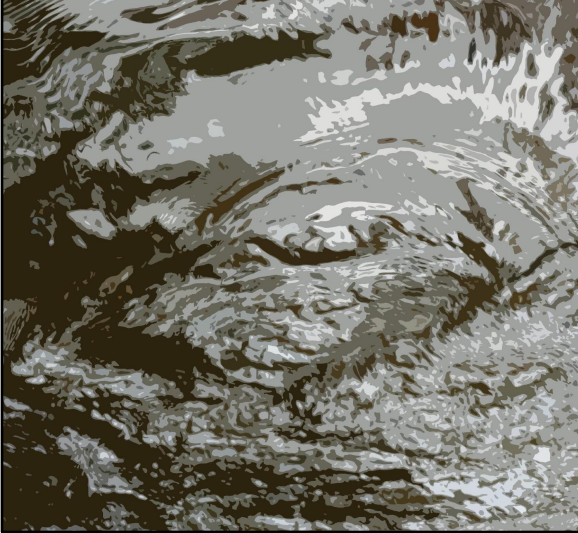


NSGIC EDH for 3DNHD

Elevation-Derived Hydrography for the 3D National Hydrography Dataset



Monthly Forum
March 17, 2021

USGS EDH Specifications

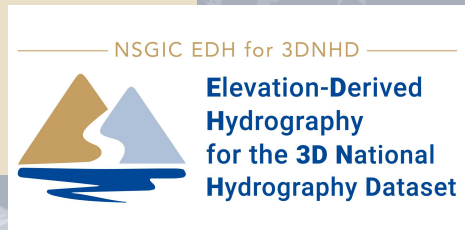


NSGIC EDH for 3DNHD Monthly Forum

Welcome

Elevation-Derived Hydrography for the 3D National Hydrography Dataset

A NSGIC/USGS cooperative agreement intended to engage state and local governments, and their private sector partners, in the derivation of high resolution hydrographic data from 3DEP lidar (IfSAR in Alaska) data.



2

- Thank you for joining us for this months EDH for 3DNHD Forum
- Please place questions into the chat box, we'll review them during the Q&A at the end of the presentations
- Please note that this presentation is being recorded
- EDH for 3DNHD is a cooperative agreement between NSGIC and USGS
 - the intent is to engage state and local governments and their private sector partners
 - to explore options for deriving high resolution hydrographic data using 3DEP data - lidar for most of us but IfSAR in Alaska

NSGIC EDH for 3DNHD Monthly Forum

Project Update

EDH for 3DNHD Monthly Forum

- Project introduction webinar recording and Q&A doc available at NSGIC Learning Link - search 'EDH'
- Contact us with topics for discussion and interest in presenting

EDH Communities at My.NSGIC.org

- EDH for 3DNHD Interest Group - general EDH information and project updates
- EDH for 3DNHD Working Group - engage in project tasks



Facilitate monthly information webinars to inform NSGIC members about EDH practices, standards, and experiences



Establish NSGIC EDH communities and online workspace



Inventory state and regional EDH experiences



Derive EDH critical factors from state/regional experiences



Identify potential resources to address critical factors



Establish and manage a NSGIC EDH information hub

3

Like 3DEP, the cooperative agreement will build upon the NSGIC expertise and network of state GIS coordinators

Primary objectives are to explore:

- the derivation and use of EDH data
- options for developing locally-derived data that effectively compile with national hydrography data resources

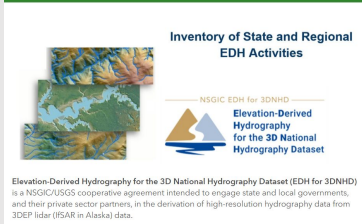
NSGIC EDH for 3DNHD Monthly Forum

Project Update

Inventory state/regional EDH experiences

- [3DNHD Experience Inventory](#) now available (link in chat)
- please coordinate with NSGIC State Representative

EDH for 3DNHD - Inventory of State and Regional EDH Activities



Establish and manage EDH for 3DNHD info hub

- in development

	Facilitate monthly information webinars to inform NSGIC members about EDH practices, standards, and experiences
	Establish NSGIC EDH communities and online workspace
	Inventory state and regional EDH experiences
	Derive EDH critical factors from state/regional experiences
	Identify potential resources to address critical factors
	Establish and manage a NSGIC EDH information hub

The 3DNHD Experience Inventory is available at:
<https://survey123.arcgis.com/share/cf10dac3c1184fcb8561d7f7b9460505>

NSGIC EDH for 3DNHD Monthly Forum

March 17, 2021

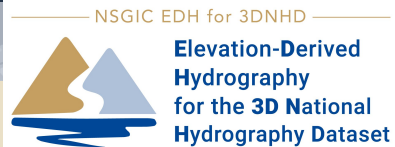
USGS Elevation-Derived Hydrography Specifications

Silvia Terziotti

USGS GIS Specialist - South Atlantic Water Science Center
Associate National Map Liaison for North and South Carolina

Christy-Ann Archuleta

USGS GIS Analyst - National Geospatial Technical Operations Center (Rolla),
National Geospatial Program



5

Silvia Terziotti

USGS GIS Specialist with the South Atlantic Water Science Center, and Associate National Map Liaison for North and South Carolina USGS

Co-author (with Christy-Ann) of the Elevation-Derived Specifications, and Researcher on methods and tools for inspection of delivered linework.

Christy-Ann Archuleta

Elevation-Derived Hydrography researcher and GIS Analyst with the National Geospatial Technical Operations Center which serves the National Geospatial Program, in the Rolla, Missouri office.

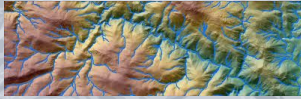
Co-author (with Silvia) of the Elevation-Derived Specifications, and Researcher on methods and tools for inspection of delivered linework.



With that, we are ready to take your questions from the chat

NSGIC EDH for 3DNHD

Elevation-Derived Hydrography for the 3D National Hydrography Dataset



Questions

- What was the primary motivation for creating the specifications? Was there an event or issue that made clear that a specification was needed?
- While developing the specification, what most surprised or challenged you?
- What additional resources do you think should be developed (by you or others) to support stakeholders in developing, integrating, and managing EDH data?

7

Questions:

- What was the primary motivation for creating the specifications? Was there an event or issue that made clear that a specification was needed?
 -
- While developing the specification, what most surprised or challenged you?
 -
- What additional resources do you think should be developed (by you or others) to support stakeholders in developing, integrating, and managing EDH data?
 -



Lynda Wayne, Project Manager

Lynda.Wayne@nsgic.org

Phil Worrall, Project Engineer

Phil.Worrall@nsgic.org

NSGIC EDH for 3DNHD Webinar Series
third Wednesday of the month, 3-4 PM (E)

Next Webinar:
Wednesday, April 21, 2021
New Jersey EDH Activities

- If you have additional questions you can contact me or Phil
- Reminder that the series will continue on the third Wed of the month
- Registration will be announced the first week of the month via the NSGIC Calendar / Upcoming Events
- Next webinar will be Wednesday, April 21, 2021, 3-4 PM and we will be talking with the state of New Jersey about their EDH activities and experiences
- Contact me directly if you are interested in presenting during the webinar series or have a topic you would like addressed
- Thank you for your time today and we look forward to seeing you next month