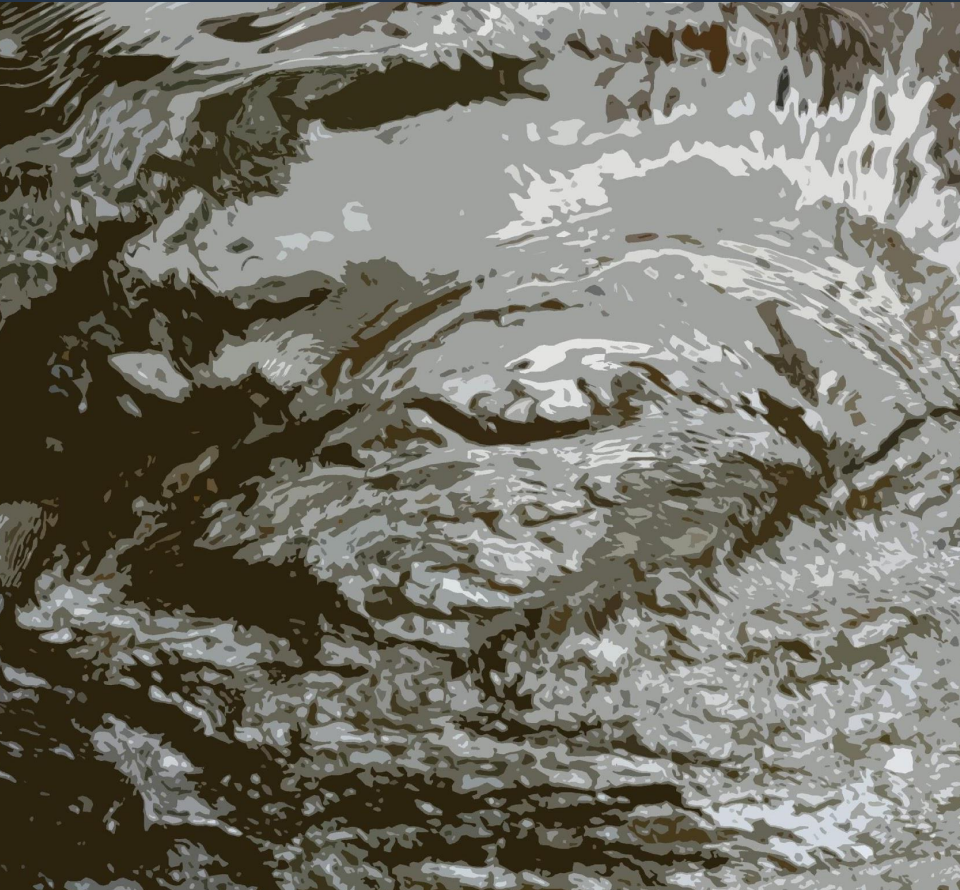


NSGIC EDH for 3DNHD

Elevation-Derived Hydrography for the 3D National Hydrography Dataset



Monthly Forum

May 19, 2021

USGS: Building the Infrastructure for Updating the National Hydrography Datasets with Elevation-Derived Hydrography - Alaska Leads the Way



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.

— NSGIC EDH for 3DNHD —



**Elevation-Derived
Hydrography
for the 3D National
Hydrography Dataset**

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

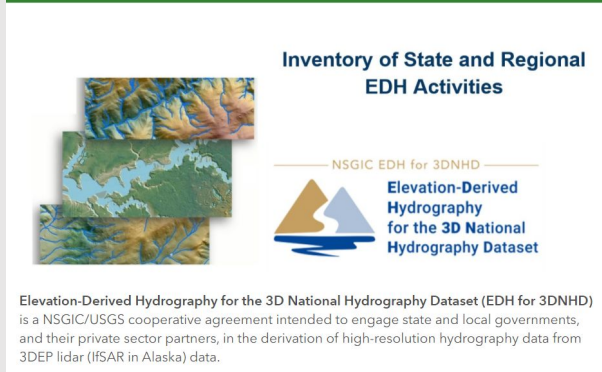
NSGIC EDH for 3DNHD Monthly Forum

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



The graphic features three overlapping topographic maps on the left. To the right, the title "Inventory of State and Regional EDH Activities" is displayed above the NSGIC EDH for 3DNHD logo, which includes a stylized mountain and water icon. Below the logo, the text reads "Elevation-Derived Hydrography for the 3D National Hydrography Dataset".

Inventory of State and Regional EDH Activities

NSGIC EDH for 3DNHD
Elevation-Derived Hydrography for the 3D National Hydrography Dataset

Elevation-Derived Hydrography for the 3D National Hydrography Dataset (EDH for 3DNHD) is a NSGIC/USGS cooperative agreement intended to engage state and local governments, and their private sector partners, in the derivation of high-resolution hydrography data from 3DEP lidar (laser in Alaska) data.

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

NSGIC EDH for 3DNHD Monthly Forum

May 19, 2021

Updating NHD and WBD with EDH in Alaska

Becci Anderson

Management and Planning Lead, National Hydrography Datasets and Infrastructure, USGS National Geospatial Program

Steve Aichele

Geographer, USGS User Engagement Hydrography Focus Area Lead

Amanda Lowe

Supervisory Geographer, USGS Topographic Applied Research Section Chief

NSGIC EDH for 3DNHD



**Elevation-Derived
Hydrography
for the 3D National
Hydrography Dataset**

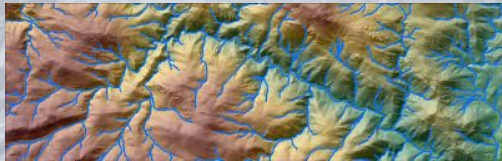


Questions?

please enter your questions
into the chat

NSGIC EDH for 3DNHD

Elevation-Derived Hydrography for the 3D National Hydrography Dataset



Questions

- What was the primary motivation for the pilot project?
- During the project, 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

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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:

Culvert Mapping and Hydro-Enforcement in
the Lake Superior Region

Wednesday, June 16, 2021