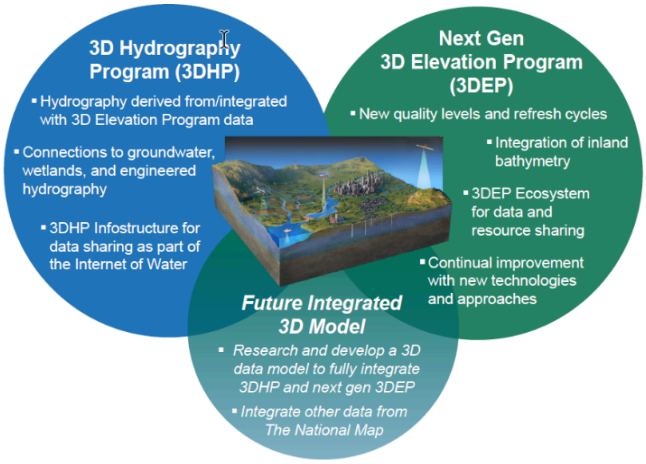
NSGIC
National States Geographic Information Council

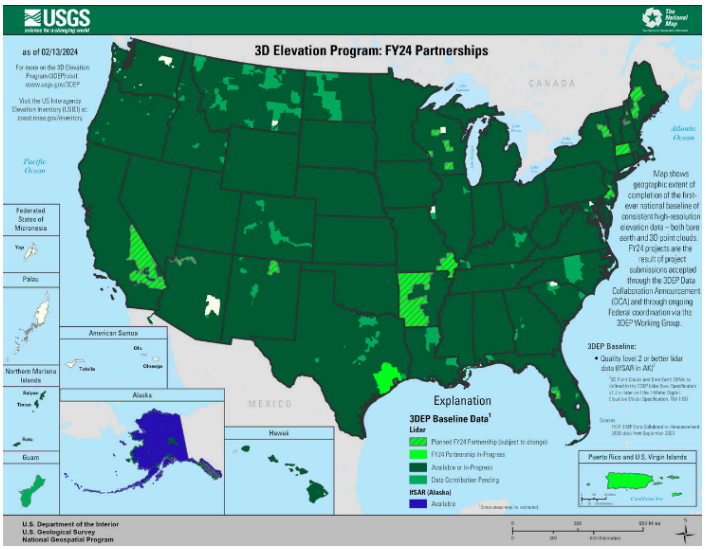
Core Sciences National Geospatial Program



NSGIC supports the USGS National Geospatial Program request of $93,650,000 for FY 2025, the same amount as appropriated in 2023 and on track with the 2024 Continuing Resolution. A major element of this program is the 3D National Topography Model (3DNTM). The USGS and the National Oceanic and Atmospheric Administration (NOAA) are collaborating towards a “3D Nation” vision for a continuous three-dimensional elevation surface layer, from the peaks of our mountains to the depths of our waters. The 3DNTM is the terrestrial portion of the vision, which would integrate and model the Nation’s elevation and hydrography in 3D. Combining the hydrography and elevation data would improve the accessibility of water related data, improve geospatial analysis, and support critical applications.

3DNTM data would enable communities to effectively respond to fire and drought challenges and natural hazards by providing foundational data to analyze flood risk; manage land and water resources; locate potential areas for clean energy deployment; and support the mapping of broadband signal propagation to help improve access for underserved communities. Two of the core elements of the 3DNTM are the 3D Elevation Program (3DEP) and the 3D Hydrography

Program (3DHP). The 3D Nation Elevation Requirements and Benefits Study led by NOAA and USGS, aims to understand the nationwide requirements and benefits of 3D elevation data both on land and underwater. The study was published in September 2022 and contains an update to the information presented below along with a next generation of 3DEP and full implementation of 3DHP. However, the future program of 3DEP is dependent on decisions yet to be made and the completion of the original 3DEP program.



3D Elevation Program

The 3DEP program that started in 2016 is designed to provide more than $690 million annually (5:1 return on investment) in benefits to government entities, the private sector, and citizens. The program presents a unique opportunity for collaboration between all levels of government to leverage the services and expertise of private sector mapping firms that acquire the data, and to create jobs now and in the future. 3DEP is over 90% complete. Building on the 3DEP national baseline data, the USGS would develop and implement the next generation of the 3DEP to include bathymetry of inland rivers and lakes and acquire new

updated data in locations where wildland fire, hurricanes, anthropogenic, and other changes have altered the landscape. With appropriate 2024 funding, it can be completed.

Action Requested:
NSGIC respectfully requests consideration of direction to the Department of Interior to fully fund the program under Public Law 117–58 at $40 million without conditions. This funding will provide progress towards a complete elevation data set of the United States. This important data set will have benefits to infrastructure, climate change analysis, carbon monitoring, wildfire prediction and response, flood plain mapping, as well as employing thousands of professionals in the production of the data.

FY 2025 Interior-Environment Appropriations Bill
Account: Surveys, Investigations, and Research
Program: Core Science Systems

NSGIC 3DEP Request: Full Funding at the Statutorily authorized amount of $40 million

About the National States Geographic Information Council (NSGIC)

Since 1991, NSGIC has been the state led hub of national geospatial experts promoting coordinated, impactful, and efficient application of geographic Information systems (GIS) to best serve the nation. GIS and the spatial information it serves underpin much of the activities of government and the lives of the people of the nation.