LiDAR Surface Topography of St. Clair County, Illinois

LIDAR Surface Topography

LiDAR Elevation Data

This LiDAR elevation data set represents a point cloud of the Earth's surface captured using LIDAR sensors. The data was collected using airborne LiDAR equipment, which emits laser pulses to measure distances to the ground. The resulting point cloud is then processed to produce a Digital Terrain Model (DTM), which represents the elevation of the ground surface.

The data was collected by the Illinois State Geological Survey and is available through their website. The data is provided in U.S. Geological Survey National Elevation Dataset (NED) format, which includes metadata and documentation for the data set.

The data is intended for use in a variety of applications, including land use planning, emergency response, and environmental monitoring. The data is available for download from the Illinois State Geological Survey website.

References


The Illinois State Geological Survey and the University of Illinois are the creators of the LiDAR elevation data set. The data is provided for non-commercial use under the terms of the copyright license. For more information, contact the Illinois State Geological Survey.