

## High Resolution Elevation Data for the Saint Louis River

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Several data collections in the area of the Saint Louis River Estuary have recently become available. These include the Minnesota Elevation Mapping Project (MN Statewide LIDAR collect), South Shore LIDAR project (WI Collect), and NOAA's bathymetric LIDAR. The EPA Mid-Continent Ecology Lab has also created a high resolution bathymetry layer (10 meter horizontal resolution) for the Saint Louis River Estuary interpolated from USACE Microstation surveys, NOAA/NOS hydrographic surveys, and supplemented with NOAA ENC soundings & contours. Our poster will illustrate these products with a few examples of how they might be used to address research and management needs in the estuary.

This abstract does not necessarily reflect USEPA policy.