

# Lake Michigan Coastline Survey

Under a contract with the U.S. Army Corps of Engineers (USACE) in support of the National Coastal Mapping Program (NCMP), Fugro, USA, is to survey the coastline of Lake Michigan. This multi-sensor project will cover a 1,500m-wide corridor extending 500m inshore to 1,000m offshore.

The project involves the utilisation of one aircraft to simultaneously collect data with four sensors: aerial RGB imagery, hyperspectral imagery, topographic Lidar and bathymetric Lidar over land and water.

Data acquisition will be coordinated, to ensure sufficient overlap in both the land and water, enabling the creation of a seamless dataset in a common frame of reference. These data products provide the second cycle of the NCMP which provides recurring datasets for stakeholders who are interested in continuing coastal monitoring, pre- and post- storm coastal effects, habitat assessment and coastal development.

Fugro provides ALB products and services worldwide to public and private sector clientele as a rapid and cost-effective solution to near shore hydrographic survey needs where scale of the project, time constraints and user safety are of primary concern.

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<https://www.hydro-international.com/content/news/lake-michigan-coastline-survey>

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