



Growing the value of hydrographic data

The wealth of information captured during hydrographic surveys opens up new opportunities that will benefit a wide range of applications and New Zealanders.



LINZ undertakes hydrographic surveys to maintain and improve navigation in the NZ marine domain. The data collected meets the high quality standards required to update authoritative products, such as nautical charts.

Data sets, including ready to use bathymetric models, are discoverable at data.linz.govt.nz

There are opportunities to collaborate with LINZ in future data collection. The benefits of working with LINZ include cost efficiencies, data collected to high standards using the latest technology, and access to professional and experienced technical experts.

If you are interested in collaborating on hydrographic surveys, contact hydro@linz.govt.nz

Future survey areas



For detailed information on future survey areas, see our HYPLAN at linz.govt.nz/sea-charts-programme



Resilience

Coastal areas are increasingly vulnerable to erosion and inundation as sea levels rise.

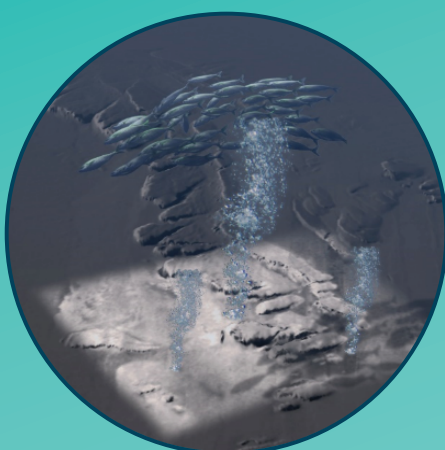
Bathymetry collected during our hydrographic surveys can support inundation and improved tsunami response modelling.



Coastal development

The Resource Management Act 1991 requires that seawalls, coastal roads, moorings, and marine farms are planned to ensure the marine environment is sustainably managed.

Our data informs your decision-making process.



Marine habitat mapping

The seabed topography and sediments data we collect is important to understand the biophysical marine environment.

Marine habitat mapping helps you mitigate risks in areas influenced by human activities or natural disasters.



**Land Information
New Zealand**
Toitū te whenua