

NOAA Geospatial Data Resources

Featured Items

NOAA's GeoPlatform

noaa.maps.arcgis.com

NOAA's GeoPlatform is a GIS application using Esri's ArcGIS Online, which makes it easy to share NOAA geospatial data, maps, applications, tools, and web services with internal project teams, NOAA partners, and the public.



Featuring:

Real-time Weather information

Climate Data

Navigational Charts

Tides, Currents, and Water-levels

U.S. Shoreline data

Essential Fish Habitat

Emergency Response Imagery

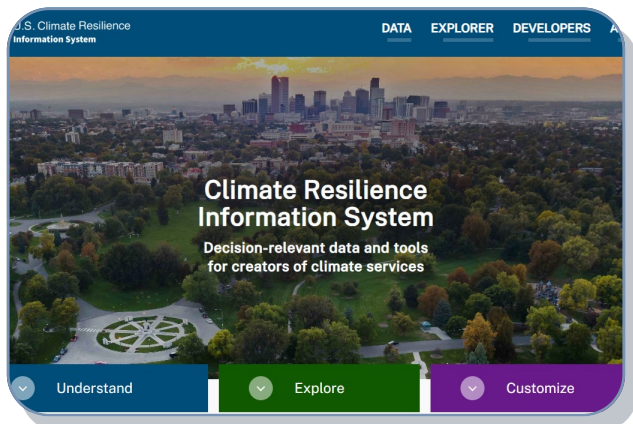
Bathymetry data

NOAA Satellite data

Climate Resilience Information System (CRIS)

cris.climate.gov

The Climate Resilience Information System (CRIS) is an open, interoperable platform that provides access to climate data for designers of climate services.



Weather Data

weather.gov/gis

The NWS GIS Portal allows users to discover, access, download, and view several National Weather Service datasets in a GIS format.





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Ocean and Coastal Data

CoRIS: Coral Reef Information System

coris.noaa.gov

The Coral Reef Conservation Program's information portal that provides access to NOAA coral reef information and data.

Emergency Response Imagery

storms.ngs.noaa.gov

Provides access to imagery from major storm events.

Nautical Charts

nauticalcharts.noaa.gov

Access a variety of NOAA's Nautical Charts in a number of different formats (ENC, raster, print, seamless, and more).

Environmental Response Management Application (ERMA)

erma.noaa.gov

Online mapping tool for environmental disaster response data and Common Operating Picture for oil spill response.

Integrated Ocean Observing System (IOOS)

Data Catalog

data.ioos.us

U.S. IOOS delivers the data and information needed to improve safety, enhance the economy, and protect the environment.

MarineCadastre.gov

www.marinecadastre.gov

A BOEM and NOAA initiative providing data to meet the needs of the offshore energy and marine planning communities.

National Marine Fisheries Service (NMFS) GIS Resources

fisheries.noaa.gov/resources/maps

Catalog of useful GIS data and maps hosted by the NOAA fisheries service.

Digital Coast

coast.noaa.gov/digitalcoast

An information delivery system serving data, training, tools, and examples needed to help communities address coastal issues.

NOAA Data Centers

ncei.noaa.gov/maps-and-geospatial-products

Map viewers and services for bathymetric, geophysical, and geomagnetism data.

NOAA's nowCOAST

nowcoast.noaa.gov

This GIS web mapping portal provides real-time coastal observations and NOAA forecasts.

Weather & Climate Data

NOAA Satellite Data

nesdis.noaa.gov/imagery/satellite-maps

Interactive maps and satellite imagery from around the globe.

NOAA Climate Data Online

ncdc.noaa.gov/cdo-web

Responsible for preserving, monitoring, and assessing the Nation's climate and historical weather data and information.

Climate Mapping for Resilience & Adaptation

resilience.climate.gov

Understand local exposure to climate-related hazards.

National Water Prediction Service

water.noaa.gov

Hydrology, water level, and flood information and products.

National Hurricane Center GIS Data & Products

nhc.noaa.gov/gis

National Hurricane Center's data sets in GIS formats.

Heat.gov

www.heat.gov

National Integrated Heat Health Information System portal.

Drought.gov

www.drought.gov

National Integrated Drought Information System portal.