

United States Interagency Elevation Inventory

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Select State:

Select County:

Data Type

- Topographic Lidar
- Topobathy Shoreline Lidar
- IFSAR Data
- Bathymetric Lidar
- NOAA Hydrographic Surveys
- Other Bathymetric Surveys
- USACE Dredge Surveys
- Trackline Bathymetry
- Multibeam Bathymetry



Data Set Name	Data Access	Metadata Access	Collection Date	Project Status	Restrictions	Data Type	Vertical Accuracy	Horizontal Accuracy	Point Spacing	Verti



FEMA

What is the Elevation Inventory?

An index to the best available elevation data sets

Includes topographic and bathymetric data

Covers the entire nation and territories

Incorporates federal, state, local, regional, and tribal information in a central location

Provides key attributes about each data set



FEMA

How was it developed?

Combine
Existing Efforts

- NOAA's highly detailed regional elevation inventory
- FEMA's FY10 rapid assessment of topography

Integrate and
Update

- NOAA & FEMA inventories fed into the USGS NEEA inventory. USGS validated/added with liaison network.

Integrate and
Refine

- NOAA further refined the database and updated the online viewer



FEMA

How will it be maintained?

NOAA will annually update bathymetry info, maintain databases for the viewer, and annually ingest new information

USGS will annually update topographic info through the liaison network



FEMA

Inventory Applications

Raises awareness of and increases access to existing elevation data

Provides information about data quality

Gives direct access to data (where possible)

Gives a regional view of data resources

Can be used to identify data gaps

Informs and can encourage collaboration on future collections



FEMA

DEMO

www.csc.noaa.gov/inventory



FEMA

For more information:

www.csc.noaa.gov/inventory

www.csc.noaa.gov/digitalcoast/tools/inventory

lindy.betzhold@noaa.gov



FEMA

Extra Slides



FEMA

Oregon

Coos



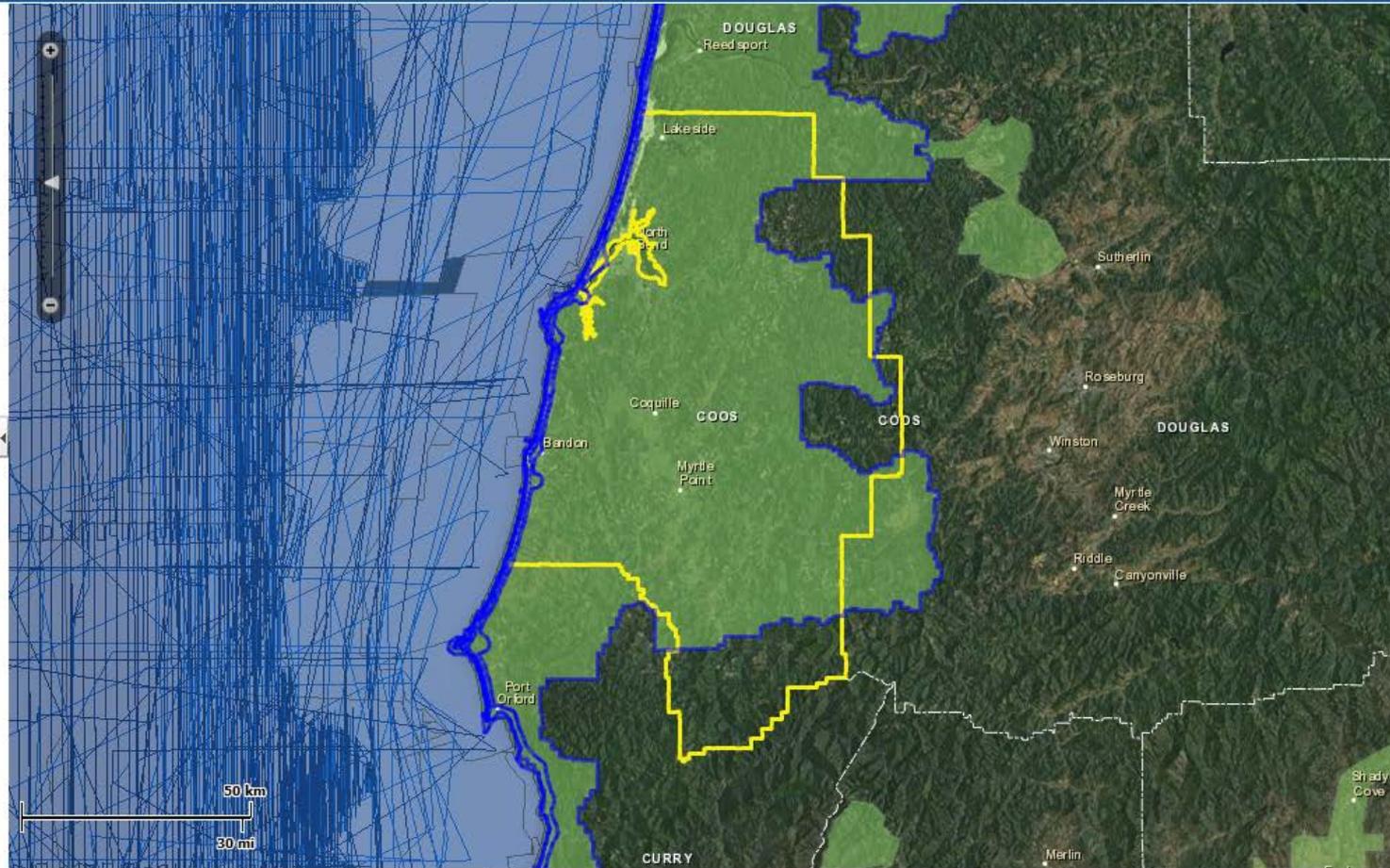
Instructions

FAO

Map Service

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Current Location: Coos, Oregon

Data Set Name	Data Access	Metadata Access	Collection Date	Project Status	Restrictions	Data Type	Vertical Accuracy	Horizontal Accuracy	Point Spacing	Verti
1998 NOAA/NASA/USGS Airborne Lidar Asses	NOAA Digital Coast	NOAA Digital Coast	1998	Complete	Public	Lidar-Topo	Estimated to be +/-	0.8 m	3 m	User
2002 NASA/USGS Airborne Lidar Assesmer	NOAA Digital Coast	NOAA Digital Coast	18 Sept - 3 Oct 2002	Complete	Public	Lidar-Topo	Estimated to be +/-	0.8 m	3 m	User
2008 Oregon Department of Geology and M	NOAA Digital Coast	NOAA Digital Coast	3 May 2008 - 25 Apr	Complete	Public	Lidar-Topo	7.3 cm RMSE	0.40 m	0.35 m	User

Topographic Layer 1	
Project Name	1998 NOAA/NASA/USGS Airborne Lidar Assessment of Coastal Erosion (ALACE) Lidar: Spring 1998 West Coast - Post El Nino (CA, OR, WA)
Data Access	http://www.csc.noaa.gov/dataviewer/index.html?action=advsearch&qType=in&qFld=ID&qVal=4
Metadata Link	http://csc.noaa.gov/dataviewer/webfiles/metadata/atm_template.html
Collection Date	1998
Project Status	Complete
Restrictions	Public
Data Type	Lidar-Topo
Vertical Accuracy	Estimated to be +/- 15 to 20 cm
Horizontal Accuracy	0.8 m
Point Spacing	3 m
Vertical Datum	User Specified
Horizontal Datum	User Specified
Products Available	Custom points, grids, and contours
Notes	

Report created on Fri Aug 10 2012

	Bathymetric Layer 1
Data Set Name	H09177
Data Type	NOAA Hydrographic Surveys
Collection Date	19710615
Data Access	http://www.ngdc.noaa.gov/mgg/bathymetry/hydro.html
Scale	
Notes	
Ship Name	
Instrument	

Report created on Fri Aug 10 2012



NOAA Coastal Services Center
LINKING PEOPLE, INFORMATION, AND TECHNOLOGY



FEMA

The Elevation Inventory

What is it?

- **An index to the best available elevation data sets**
- **Includes topographic and bathymetric data**
- **Covers the entire nation and territories**
- **Incorporates federal, state, local, regional, and tribal information in a central location**
- **Provides key attributes about each data set**



FEMA

How was it developed?

- **Combining existing efforts**
 - NOAA's highly detailed regional elevation inventory
 - FEMA's FY10 rapid assessment of topography
- **NOAA & FEMA inventories fed into the USGS NEEA inventory**
- **NOAA further refined the database and updated the online viewer**



FEMA

How will it be maintained?

- **NOAA & USGS will update annually**
 - USGS will annually update topographic info through the liaison network
 - NOAA will annually update bathymetry info, maintain databases for the viewer, and annually ingest new information



FEMA

Inventory Applications

- **Raises awareness of and increases access to existing elevation data**
- **Provides information about data quality**
- **Gives direct access to data** (where possible)
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FEMA