Title	Seabed NSW			
Abstract	The SeaBed NSW program provides data on the structure and composition of the seabed adjacent to our beaches. This program is funded through the NSW Coastal Reforms, combined with data from other sources. It improves our understanding of connectivity between coastal (beaches, estuaries) and marine environments, enabling improved approaches to managing and predicting the impacts of human activities, severe storms and climate change.			
	The program builds on the research expertise and specialist capabilities developed in 2005 as part of the HABMAP program mapping seabed habitats of our marine estate. The SeaBed NSW project maps large areas of the seafloor on the inner continental shelf using airborne laser mapping (LADS) in shallow water depths and vessel-based multi-beam sonar further offshore.			
	The program contributes to the goal of a continuous high-resolution digital elevation model (DEM) for the entire NSW coast. This new marine LiDAR data builds significantly on our existing database; provides a more accurate 3D surface for our wave modelling tools, enables us to answer questions about how sand moves around the coastal-marine environment and provide baseline information from which to measure change.			
	Seabed data is generated by collating and analysing bathymetric and marine sediment datasets, and seabed habitats defined from swath acoustic surveys and aerial photography. Data from approximately 120 kilometres of vessel-towed underwater video surveys is also used to allow field validation of swath acoustic data and a description of the visually dominant sessile biota over large areas of the seabed.			
	An understanding of what type of seabed there is, what it is made of and what is living there is critical so we can better manage coastal hazards and risk for NSW and ensure there are viable and healthy marine ecosystems for the future. The data are intended to inform coastal and marine management and should not be used for navigation without additional processing.			
	The Seabed NSW program has developed and issued the following datasets:			
	<ul> <li>NSW Marine LiDAR Topo-Bathy 2018 Geotif</li> <li>NSW seabed landforms derived from marine lidar data 2022</li> <li>Shellharbour seabed landforms derived from multibeam echosounder data 2022</li> <li>Wollongong seabed landforms derived from multibeam echosounder data 2022</li> <li>HABMAP Multi-beam Survey Coverage Areas</li> <li>Single Beam Bathymetry &amp; Coastal Topography Survey Coverage Areas - Coastal Marine Unit</li> </ul>			
	<ul> <li><u>NSW Environment Multi Beam Echo Sounder Giuded Data</u></li> <li><u>NESP Biodiversity Hub Hunter Marine Park Multi Beam Echo Sounder Surveys</u></li> </ul>			
Resource locator				
<u>Show on SEED</u> <u>Web Map</u>	Name: Show on SEED Web Map			
	Protocol: WWW:DOWNLOAD-1.0-httpdownload			
	Description:			
	Display dataset on SEED's map			
	Function: download			
<u>Data Quality</u> <u>Statement</u>	Name: Data Quality Statement			
	Protocol: WWW:DOWNLOAD-1.0-httpdownload			
	Description:			
	Data quality statement for Seabed NSW			
	Function: download			
Readme notes	Name: Readme notes			
<u>Reduine notes</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload			
	Description:			

	Notes about access to the datasets.			
	Function: download			
Unique resource	identifier			
Code	77e06ad6-336b-4279-b5a3-6e30abcd9d42			
Presentation form	Map digital			
Edition	1			
Dataset language	English			
Metadata standa	ırd			
Name	ISO 19115			
Edition	2016			
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/77e06ad6-336b-4279-b5a3-6e30abcd9d42			
Purpose	To support coastal and marine research, planning and management			
Status	Planned			
Spatial representation type	None			
Spatial reference	e system			
Code identifying the spatial reference system	4283			
Topic category				
Keyword set				
keyword value	GEOSCIENCES-Geomorphology			
	MARINE-Coasts			
	MARINE-Geology-and-Geophysics			
	MARINE-Reefs			
	LAND-Topography			
	PHOTOGRAPHY-AND-IMAGERY-Remote-Sensing			
	WATER			
	ECOLOGY-Habitat			
	ECOLOGY-Landscape			
Originating controlle	d vocabulary			
Title	ANZLIC Search Words			
Reference date	2008-05-16			
Geographic location				

West bounding longitude		149.72168		
East bounding longitude		153.852539		
North bounding latitude		-37.715331		
South bounding latitude		-28.145871		
Vertical extent inform	ation			
Minimum value		-100		
Maximum value		2228		
Coordinate reference syste	em			
Authority code		urn:ogc:def:cs:EPSG::		
Code identifying the coordinate reference system		5711		
Temporal extent				
Begin position		2022-09-05		
End position		N/A		
Dataset reference dat	е			
Resource maintenance	е			
Maintenance and update frequency		Unknown		
Contact info				
Contact position		Data Broker		
Organisation name		NSW Department of Climate Change, Energy, the Environment and Water		
Telephone number		131555		
Email address		data.broker@environment.nsw.gov.au		
Web address		https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible party role		pointOfContact		
Limitations on public access				
Responsible party				
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Responsible party role	pointOfConta	ict		

Metadata point of contact			
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Responsible party role	pointOfContact		
Metadata date	2024-02-26T13:09:41.257020		
Metadata language			