

Victorian Benthic Habitats - Port Phillip Bay (CBICS)

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Title	Victorian Benthic Habitats - Port Phillip Bay (CBICS)
Date	2017-05-03
Date type	Creation
Abstract	<p>The Victorian Benthic Habitats - Port Phillip Bay (CBICS) is a synthesis of all existing benthic habitat characterisations of the embayment which have been reclassified to conform to the Combined Biotope Classification Scheme (CBiCS).</p> <p>Base information for the synthesised dataset were sourced from data provided by:</p> <p>Marine and Freshwater Resources Institute, Queenscliff, Victoria</p> <p>Institute for Sustainability and Innovation, Victoria University, Melbourne.</p> <p>Parks Victoria, Victorian Government</p> <p>Deakin University, Victoria</p> <p>Department of Environment, Land, Water and Planning, Victorian Government</p>

Metadata language	eng
Character set	UTF8
Hierarchy level	Dataset

OnLine resource

Linkage	https://vmdp.deakin.edu.au:/geonetwork/srv/en/metadata.show?uuid=9737f03b-8e6b-4a93-b530-d7687d1a8a01
Protocol	WWW:LINK-1.0-http--metadata-URL

Point of contact

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Role	coInvestigator

Topic category	Oceans
Topic category	Biota
Topic category	Environment

Keyword

Keyword	http://metadata.imas.utas.edu.au/geonetwork/srv/eng/xml.keyword.get?thesaurus=external.theme.sciencekeywords&id=http://gcmdservices.gsfc.nasa.gov/kms/concept/09a78997-581b-4d1b-ae71-b2b3f96ef719
Keyword	EARTH SCIENCE BIOSPHERE AQUATIC ECOSYSTEMS BENTHIC HABITAT
Type	Discipline
Keyword	Australia
Keyword	VICTORIA
Keyword	VICTORIA COAST
Keyword	VICTORIAN EMBAYMENTS
Type	Place
Keyword	CONTINENTAL MARGINS
Keyword	COASTAL HABITAT
Keyword	COASTAL AREAS
Keyword	BENTHIC HABITAT
Keyword	MARINE HABITAT
Keyword	MARINE SEDIMENTS
Keyword	REEF HABITAT
Keyword	BATHYMETRY/SEAFLOOR TOPOGRAPHY
Type	Theme
Keyword	MACROPHYTES
Keyword	MACROALGAE (SEAWEEDS)
Keyword	SEAGRASS
Keyword	SALT MARSH
Keyword	MANGROVES
Keyword	ANIMALS/INVERTEBRATES
Keyword	SPONGES
Keyword	SEA FANS/SEA WHIPS
Keyword	BRYOZOANS/MOSS ANIMALS
Keyword	INTERTIDAL ZONE
Type	Theme

Extent

Geographic bounding box

West bound	144.38713073731
East bound	145.16716003419
South bound	-38.449386596679
North bound	-37.834152221679

Lineage

Statement	<p>Benthic biotopes were derived from a variety of geophysical and cartographic data sources:</p> <ul style="list-style-type: none">• Terrain and bathymetric lidar provided by DELWP (2.5 to 5 m horizontal resolution);• Mosaiced aerial imagery provided by DELWP•Multibeam echosounder bathymetry provided by the Port of Melbourne Corporation (0.5-1 m horizontal resolution); and
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	<ul style="list-style-type: none">•Hand digitized points from navigation charts AUS 143, 144, 154, 155, 157 and 158, provided by Deakin University.•Boundaries of modified areas, such as channels, dredged material grounds, anchorages and aquaculture areas were digitised by hand from navigation charts (as above). Sand borrow areas were digitised from the shaded relief maps. <p>Marine protected area boundaries were included from coordinates provided by Parks Victoria.</p> <p>These were supplemented with biological information from:</p> <ul style="list-style-type: none">• Victorian Subtidal Reef Monitoring Program (SRMP) provides quantitative data at 118 sites between Warrnambool and Cape Howe (1998 to 2015);• Victorian Intertidal Reef Monitoring Program (IRMP) includes 20 sites from Warrnambool to Bunurong (2003 to 2014);• intertidal reef assemblage descriptions by Bennett and Pope (1953), King et al. (1971) and Womersley (1984);• deep reef surveys for Parks Victoria and the Port Phillip Bay Channel Deepening Project (Edmunds et al. 2006, 2007, 2009, 2010);• seagrass and sediment habitat mapping by the Victorian Marine and Freshwater Resources Institute (Roob and Ball 1997; Roob et al. 1998; Blake et al. 2000; Blake and Ball 2001a, 2001b);• sediment habitat studies as part of the EPA Port Phillip Bay Environment Study, MAFRI epibenthic and infauna studies and the Port Phillip Bay Channel Deepening Project; and• mangrove and saltmarsh habitat description and mapping by Boon et al. (2011).
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Resource constraints

Use limitation	DATA NOT TO BE USED FOR NAVIGATION PURPOSES.
Classification	Unclassified
File identifier	9737f03b-8e6b-4a93-b530-d7687d1a8a01
Metadata language	eng
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Metadata author

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Organisation name	Deakin University
Role	Custodian
Date stamp	2019-02-15T16:10:40