

Assessing the effects of changes in Great Barrier Reef Marine Park Zoning plans on southern mid-shelf shoals (MTRSF Project 4.8.2)



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Title	Assessing the effects of changes in Great Barrier Reef Marine Park Zoning plans on southern mid-shelf shoals (MTRSF Project 4.8.2)
Date	2007-02-03
Date type	Creation

Abstract	<p>Surveys were undertaken in February/March 2007 (Autumn), August/September 2007 (Spring) and October 2009 (Spring) on two pairs of discrete deepwater shoals in the mid-shelf section of the southern Great Barrier Reef. The objective was to find pairs of shoals that were matched in terms of depth, habitat, areal extent, cross shelf position and latitude. Within each pair, one shoal was to be from a 'green zone' (closed to all fishing) and the other from a 'blue zone' (open to fishing), based on the rezoning of the Great Barrier Reef Marine Park, carried out in 2004. The pairs of reefs chosen were: East Warregos (green) and West Warregos (blue); Barcoo Bank (green) and Karamea Bank (blue).</p> <p>The bathymetry of each shoal was surveyed in detail by multibeam acoustic swathe mapping prior to sampling of fish and benthic habitat.</p> <p>A lightweight towed video system developed by AIMS was used to survey seabed habitats on and around the four shoal sites over the first two trips.</p> <p>Baited Remote Underwater Video Stations (BRUVS (TM)) were used to sample the fish communities on each shoal on all three cruises.</p>
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Metadata language	eng
Character set	UTF8
Hierarchy level	Dataset

OnLine resource

Linkage	https://eatlas.org.au/data/uuid/f7d7c654-a5a3-436c-9352-f89377f83832
Protocol	WWW:LINK-1.0-http--metadata-URL
Linkage	http://www.rrrc.org.au/mtsrf/theme_4/project_4_8_2.html
Protocol	WWW:LINK-1.0-http--link

Point of contact

Individual name	Cappo, Michael
Organisation name	Australian Institute of Marine Science (AIMS)
Position name	Experimental Scientist
Role	Point of contact
Topic category	Oceans

Topic category	Biota
Topic category	Environment

Keyword

Keyword	Oceans - Coastal Processes - Shoals
Keyword	Biosphere - Aquatic Ecosystems - Benthic Habitat
Keyword	Biosphere - Ecological Dynamics - Community Dynamics , Community Structure
Keyword	Human Dimensions - Environmental Impacts - Environmental Assessments
Type	Theme
Keyword	Marine Protected Areas
Keyword	Representative Areas Program
Keyword	Marine Park zoning
Type	Theme

Extent

Geographic bounding box

West bound	151.5351
East bound	152.5025
South bound	-24.1237
North bound	-22.6379

Lineage

Statement	Fish, sharks, rays and seasnakes were included as 'fish'.
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Resource constraints

Use limitation	All AIMS data, products and services are provided "as is" and AIMS does not warrant their fitness for a particular purpose or non-infringement. While AIMS has made every reasonable effort to ensure high quality of the data, products and services, to the extent permitted by law the data, products and services are provided without any warranties of any kind, either expressed or implied, including without limitation any implied warranties of title, merchantability, and fitness for a particular purpose or non-infringement. AIMS make no representation or warranty that the data, products and services are accurate, complete, reliable or current. To the extent permitted by law, AIMS exclude all liability to any person arising directly or indirectly from the use of the data, products and services.
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Organisation name	Australian Institute of Marine Science (AIMS)
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