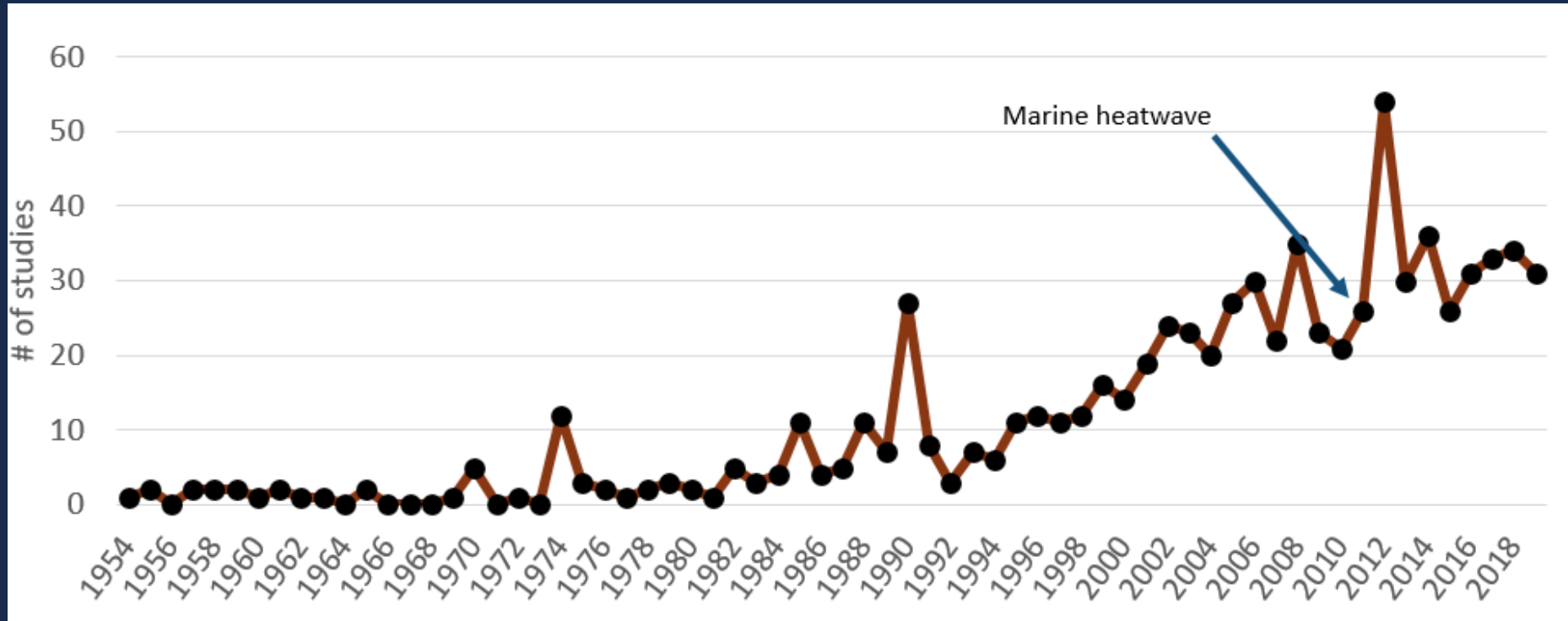
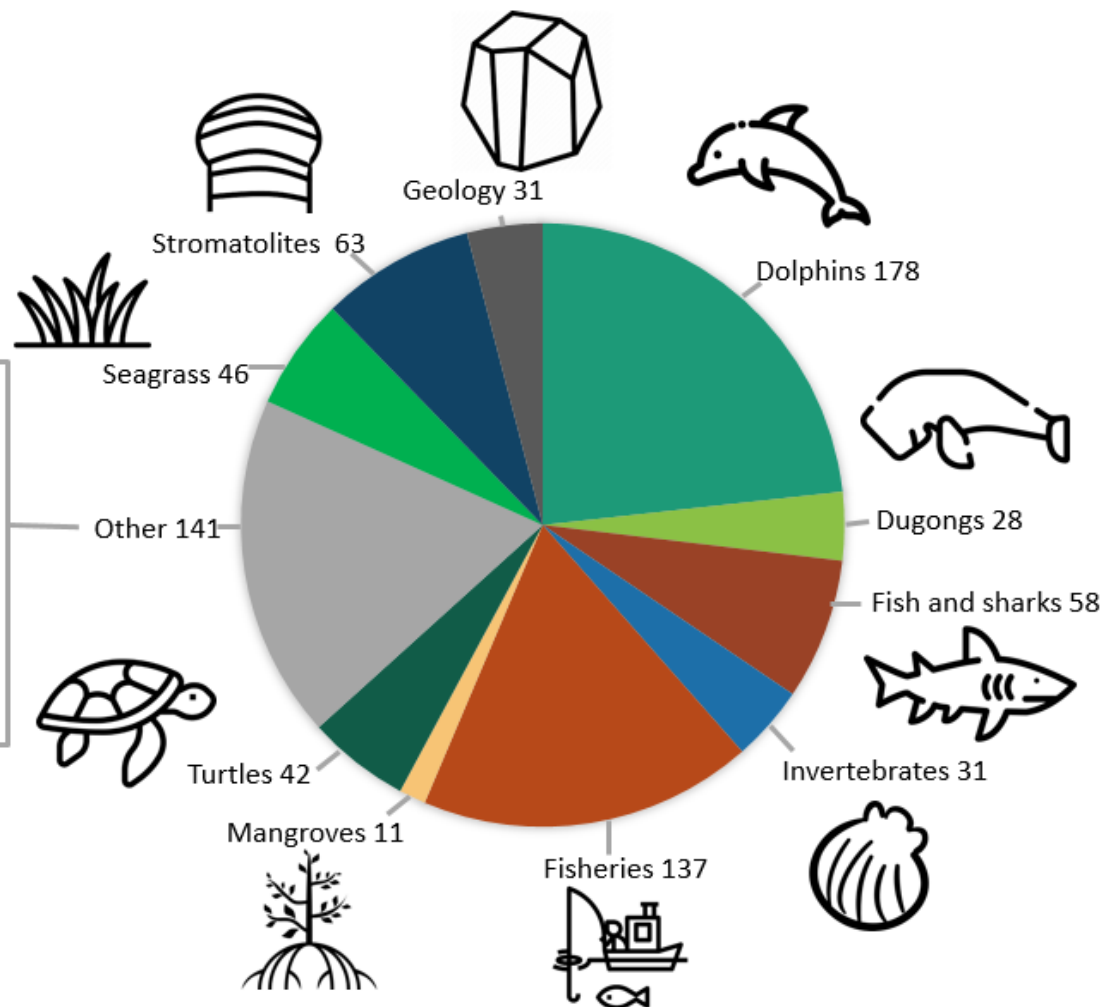




Number of Studies per Year from 1954-2019 (773 in total)





Number of studies
by subject
1954-2019

Value	Lead Researcher	Researcher contact	Institution/organisation	Publications/datasets	Brief summary of research
Algal communities	G Barry		La Trobe University	Barry, G., and Woelkerling, W.J. (1995) Non-geniculate species of Corallinaceae (Corallinales, Rhodophyta) in Shark Bay, Western Australia: biodiversity, salinity tolerances and biogeographic affinities. <i>Botanica Marina</i> 38(1-6), 135-150.	10 species of non-geniculate Corallinaceae occur in Shark Bay and 7 are new records for the region.
Algal communities	Gary Kendrick, John Huisman	John.Huisman@dbca.wa.gov.au	WA Herbarium (DBCA)	Kendrick, G.A., Huisman J.M. and D.I. Walker 1990. Benthic macroalgae of Shark Bay, Western Australia. <i>Bot. Mar.</i> 33:47-54.	Spatial distribution list reporting 161 taxa of benthic macro-algae found on either subtidal rock platforms, sandflats or as epiphytes on seagrasses and other algae reported from Shark Bay.
Algal communities	John Huisman	John.Huisman@dbca.wa.gov.au	WA Herbarium (DBCA)	Huisman, J.M., De Clerck, O., Prud'homme van Reine, W.F. & Borowitzka, M.A. 2011. <i>Spongophloea</i> , a new genus of red algae based on <i>Thamnoclonium</i> sect. <i>Nematophorae</i> Weber-van Bosse (Halymeniales). <i>European Journal of Phycology</i> 46: 1-15.	Description of new genus based primarily on Shark Bay specimens
Algal communities	John Huisman	John.Huisman@dbca.wa.gov.au	WA Herbarium (DBCA)	Huisman, J.M., Kendrick, A.J. & Rule, M.J. 2015. Mangrove-associated macroalgae and cyanobacteria in Shark Bay, Western Australia. <i>Journal of the Royal Society of Western Australia</i> 98: 45-68.	Annotated checklist of macroalgae and cyanobacteria associated with the pneumatophores of mangroves. Included 31 new records for Shark Bay and three new red algae records for WA.
Algal communities	John Huisman	John.Huisman@dbca.wa.gov.au	WA Herbarium (DBCA)	Huisman, J.M., Kendrick, G.A., Walker, D.I. & Couté, A. 1990. The Marine Algae of Shark Bay, Western Australia. In: Berry, P.F., Bradshaw, S.D. & Wilson, B.R. (eds.). <i>Research in Shark Bay - Report of the France-Australe Bicentenary Expedition Committee</i> . Western Australian Museum, Perth. pp. 89-100.	Annotated checklist of marine algae of Shark Bay
Algal communities	John Huisman	John.Huisman@dbca.wa.gov.au	WA Herbarium (DBCA)		
Algal communities	Marilyn Harlin		University of Rhode Island	Harlin, M.M., Woelkerling, W.J., and Walker, D.I. (1985) Effects of a hypersalinity gradient on epiphytic Corallinaceae (Rhodophyta) in Shark Bay, Western Australia. <i>Phycologia</i> 24(4), 389-402.	Influence of salinity on the epiphytic Corallinaceae on <i>A. antarctica</i> leaves. Overall, density of epiphytes decreased as salinity levels increased.



Study region	Time period	Data description	Data availability	Data location	Data contact
Shark Bay	1982-1988	Species records	Available		John.Huism an@dbca. wa.gov.au
Monkey Mia, Peron Peninsula	?	Taxonomic description	Available		John.Huism an@dbca. wa.gov.au
Shark Bay	2009	Species records	Available		John.Huism an@dbca. wa.gov.au
Shark Bay	?	Species records	Available		John.Huism an@dbca. wa.gov.au
Shark Bay		Specimen records, specimens held in the WA Herbarium	Available	WA Herbarium	Julia.Percy- Bower@db ca.wa.gov. au
Eastern shore of Peron Peninsula and Dirk Hartog Island	1984	Species ID, densities			
Shark Bay	1850-1930				

WHO ARE SOME OF THE PEOPLE INVOLVED IN MARINE RESEARCH?

PARTNERSHIP



WAMSI Western Australian Marine Science Institution



WA UNIVERSITIES



UWA The University of Western Australia



ECU Edith Cowan University



Curtin University



Murdoch University



WA GOVERNMENT



Department of Biodiversity,
Conservation and Attractions

Parks and Wildlife - DBCA Department of Biodiversity, Conservation and Attractions



Department of
Primary Industries and
Regional Development

Fisheries - DPIRD Department of Primary Industries and Regional Development



AUSTRALIAN GOVERNMENT



CSIRO Commonwealth Scientific Research Organisation



Australian Government

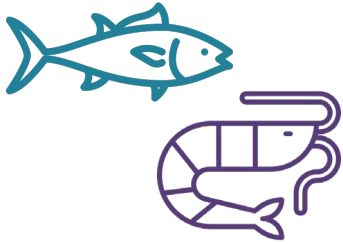


AUSTRALIAN INSTITUTE
OF MARINE SCIENCE

AIMS Australian Institute of Marine Science



Key Shark Bay Monitoring Programs



Fish and prawns

DPIRD
1960's-ongoing



Seagrass

DBCA
2010-ongoing



Coral reefs

DBCA
2011-ongoing



Mangroves

DBCA
2007-ongoing



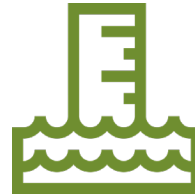
Water quality

DBCA
1989-ongoing



River input

Dep of Water
1957-ongoing



Sea level

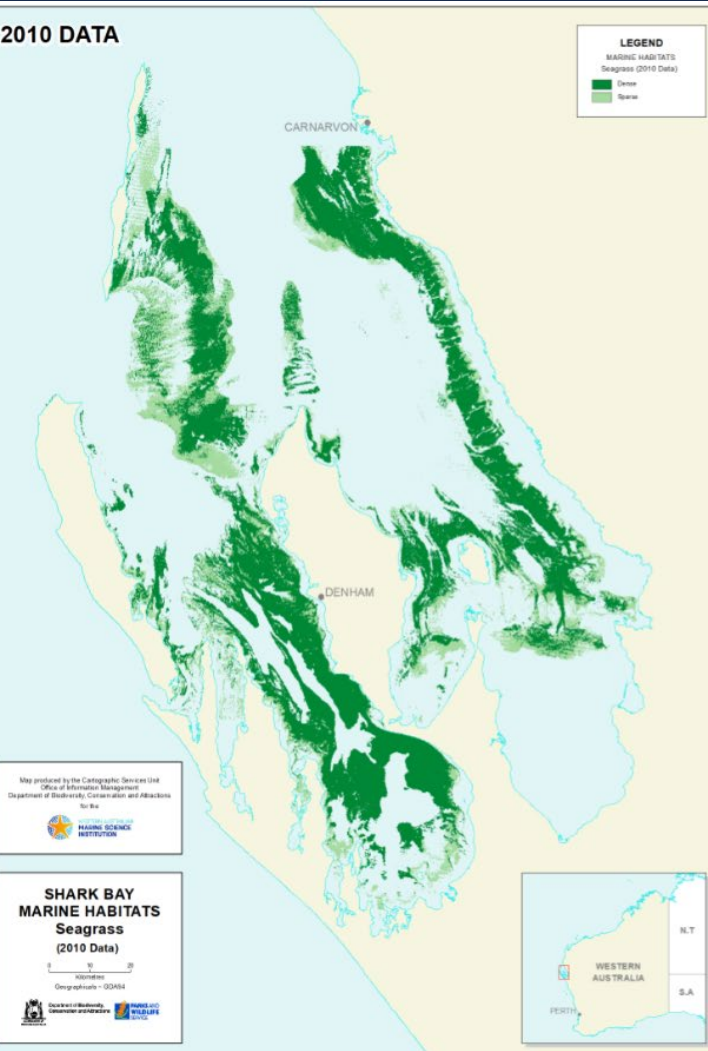
BoM
1985-ongoing



Groundwater

BoM
1945-ongoing

2010 DATA



2016 DATA



WESTERN AUSTRALIAN
MARINE SCIENCE
INSTITUTION

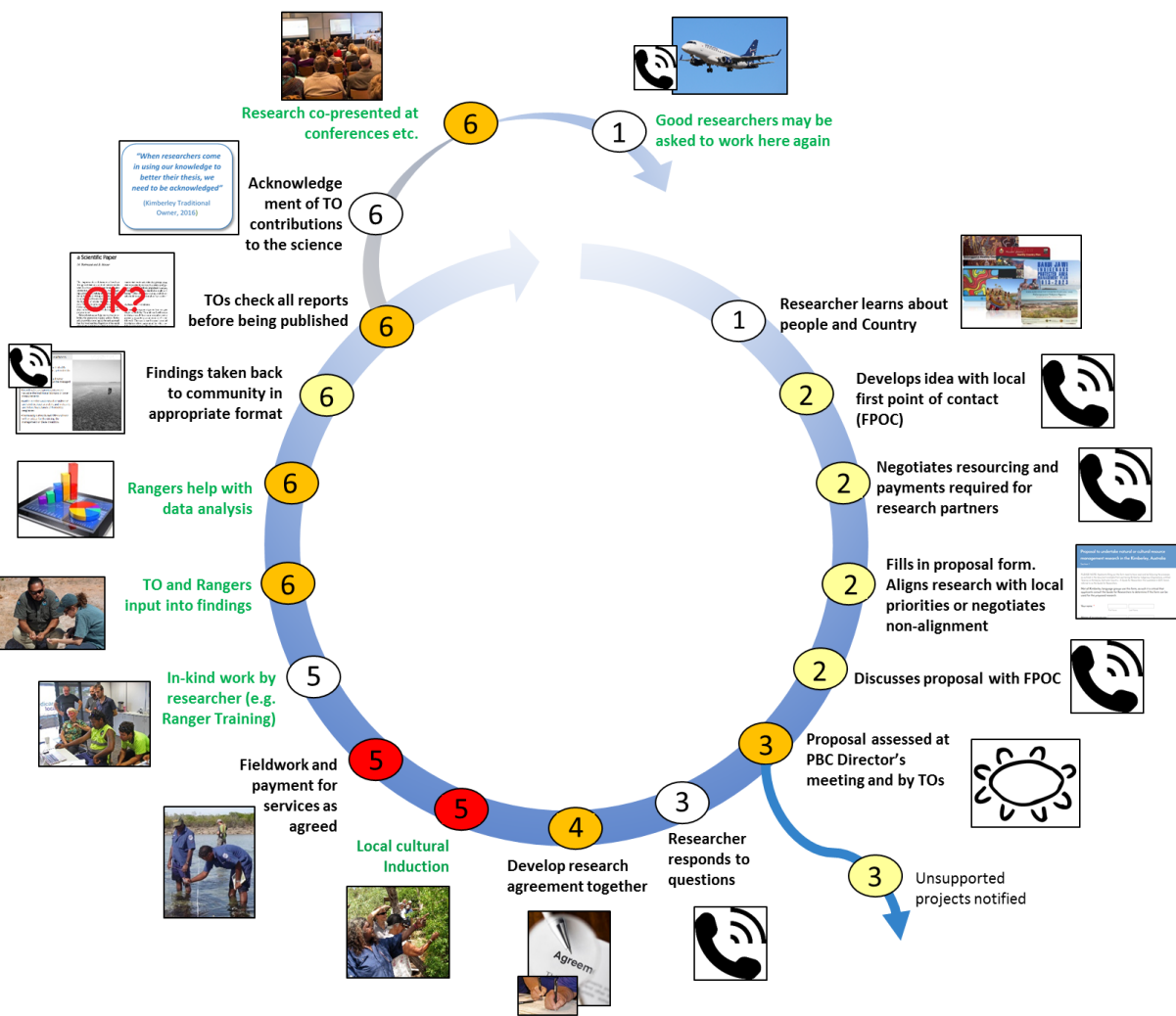
Seagrass
changes in
coverage

Shark Bay Prawn Trawl Fishery

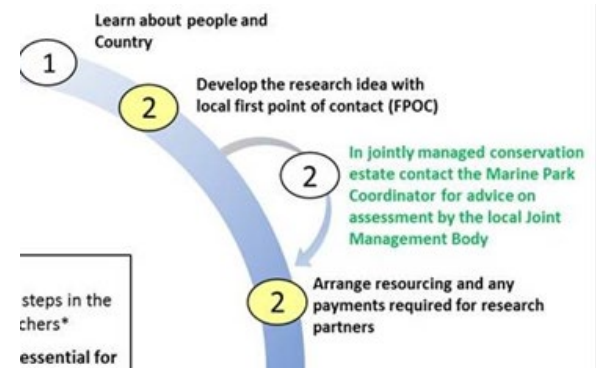


Research process





- These steps are usually done by the researcher
 - Community work on these steps is usually provided in-kind
 - Community work on these steps is usually in-kind for small projects and funded for big projects
 - Researcher usually pays Indigenous service providers for this work
- Numbers refer to steps in the Guide for Researchers*
- Steps in black text are essential for all research projects**
- Steps in green text may be negotiated for some projects**



Working towards

- Building trust and respect
- Returning knowledge to Country
- Sharing knowledge
- Supporting processes (for science projects and collaboration)
- Increased Indigenous partnerships and collaboration in WAMSI outcomes

[V17.03]

Collaborative Science on Kimberley Saltwater Country - A Guide for Researchers -



YAWURU

 Kimberley
Land Council

 Mosaic
Environmental
www.mosaicenvironmental.com.au

 CHARLES
DARWIN
UNIVERSITY

 THE UNIVERSITY OF
WESTERN AUSTRALIA
Achieve International Excellence

 western australian
marine science institution

*Prepared by Mosaic Environmental
for the Kimberley Land Council*