



Ningaloo Outlook Research Symposium 2024

Brett Molony | Science Director | CSIRO
1st February 2024

Australia's National Science Agency





We acknowledge the Traditional Owners of the land of which we are meeting, the *Whadjuk* People of the *Noongar* Nation, and pay our respects to their elders past and present





We also acknowledge the *Baiyungu, Thalanyji and Yinikurtura* People, the Traditional Owners and original custodians of the *Nyinggulu* Coast and pay our respect to their elders past and present.





Some highlights Science

- > 50 field campaigns have been completed
- Interacted with >1,000 members of the public, school children, with our research and education
- Invested in the next generation of marine scientists by funding 7 PhD students since 2015 – some presenting today!
- Continue to publish scientific outcomes, highlighting the Science Excellence of the Ningaloo work

<https://research.csiro.au/ningaloo/outlook/research-outputs/>

nature

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nature > articles > article

Article | Published: 14 June 2018

Loss of coral reef growth capacity to track future increases in sea level

Chris T. Perry , Lorenzo Alvarez-Filip, Nicholas A. J. Graham, Peter J. Mumby, Shaun K. Wilson, Paul S. Kench, Derek P. Manzello, Kyle M. Morgan, Aimee B. A. Slangen, Damian P. Thomson, Fraser Januchowski-Hartley, Scott G. Smithers, Robert S. Steneck, Renee Carlton, Evan N. Edinger, Ian C. Enochs, Nuria Estrada-Saldívar, Michael D. E. Haywood, Graham Kolodziej, Gary N. Murphy, Esmeralda Pérez-Cervantes, Adam Suchley, Lauren Valentino, Robert Boenish, Margaret Wilson & Chancey Macdonald


Oceanography and Marine Biology

An Annual Review

Volume 58

WILEY
Online Library

Global Ecology and Biogeography / Volume 33, Issue 1 / p. 4-16

META-ANALYSIS |  Free Access

Coral reef state influences resilience to acute climate-mediated disturbances

Anna K. Cresswell , Michael Renton, Tim J. Langlois, Damian P. Thomson, Jasmine Lynn, Joachim Claudet

First published: 09 October 2023

<https://doi.org/10.1111/geb.13771>

Handling Editor: Jonathan Belmaker

Chapter 4

The Oceanography and Marine Ecology of Ningaloo, A World Heritage Area

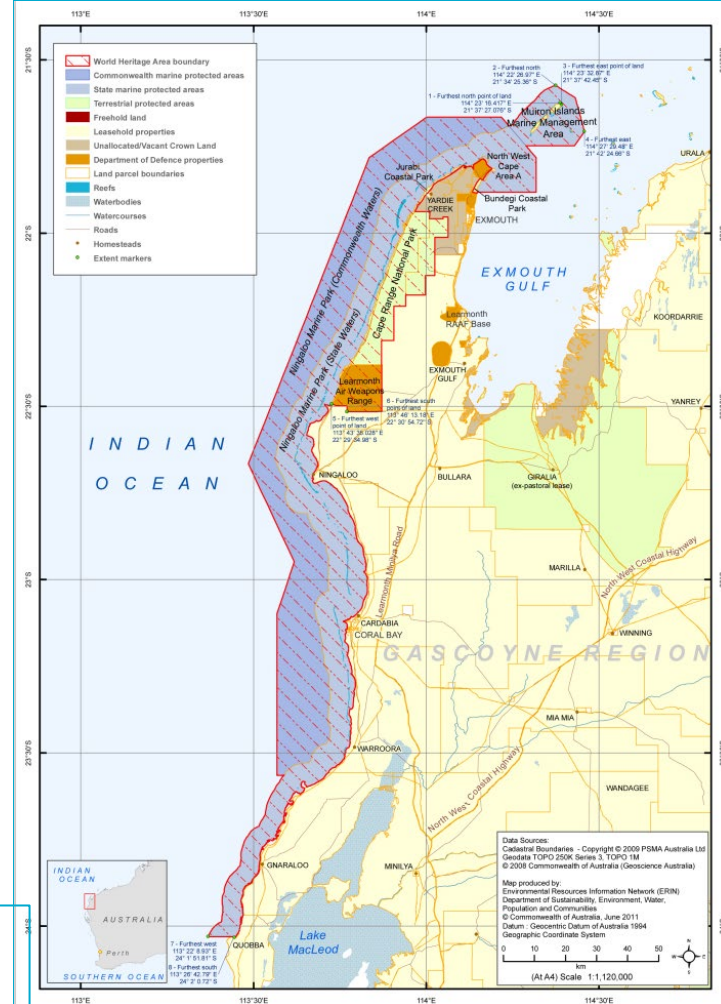
Mathew A. Vanderklift, Russell C. Babcock, Peter B. Barnes, Anna K. Cresswell, Ming Feng, Michael D. E. Haywood, Thomas H. Holmes, Paul S. Lavery, Richard D. Pillans, Claire B. Smallwood, Damian P. Thomson, Anton D. Tucker, Kelly Waples & Shaun K. Wilson

Some highlights

Science Impact

- Informing the Australian Government's World Heritage Advisory Group (on Ningaloo)
- Addressing research needs identified in the World Heritage Risk Assessment
- Addressing needs identified in National Management Plans (e.g. Recovery Plan for Marine Turtles in Australia) and information to support DBCA's marine park management activities

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Dr Denise McCorry





Today

- 45 Minute sessions.
- 2 – 3 speakers in each session over ~ 30 minutes
- ~ 10 minutes for Q&A
- *10 minute break at 14.20*
- Wrap- up and closing
- Refreshments at 4 pm

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ningaloo outlook

Ningaloo Outlook Symposium

Program

Thursday 1st February 2024

Light lunch **12:00**

Presentations (Chair: Brett Molony)

Welcome	Brett Molony	12:30
Introduction	Dr Denise McCorry	12:40
Theme 1: Turtles	Mat Vanderklift / Daniel Axford / Nick Mortimer	12:50
Theme 2: Whale sharks	Toby Patterson / Anthea Donovan / Colby Bignell	13:35
<i>Break</i>		14:20
Theme 3: Shallow reefs	Damian Thomson / Daphne Oh	14:30
Theme 4: Deep reefs	John Keesing / Nick Mortimer / Logan Hellmrich	15:15
Refreshments		16:00
Symposium conclusion		17:00



Next steps

- Complete final field campaigns (2024)
- Data analysis and reporting
- Publishing scientific papers
- Complete project by mid 2025



[https://research.csiro.au/ningalo
o/outlook/research-outputs/](https://research.csiro.au/ningalo/o/outlook/research-outputs/)



Thank you

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