# NORTH WEST SHOALS TO SHORE RESEARCH PROGRAM

Australian Government



Welcome and what to expect from the day



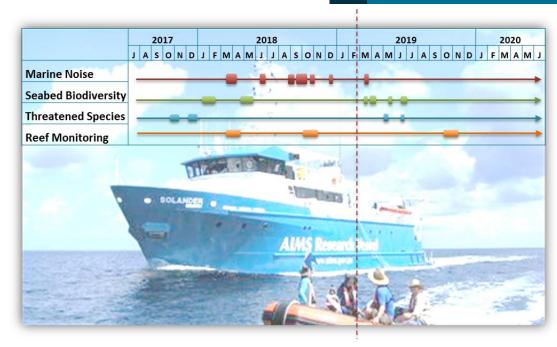
Michaela Dommisse – Research Program Director (WA)





## **NWSSRP Progress**

- This symposium represents the halfway point of NWSSRP
- Large amount of fieldwork has been completed with field work continuing through to October/November this year
- Metadata is compiled and uploaded from each field trip, this is harvestable from ANDS
- The last field data collection is scheduled to occur in October this year. Data analysis is underway
- All of today's presentations will be pdf'd and available on the AIMS website (www.aims.gov.au)

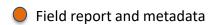


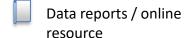
Until all fieldwork is completed and all data analysed the results presented are preliminary and should treated as such.





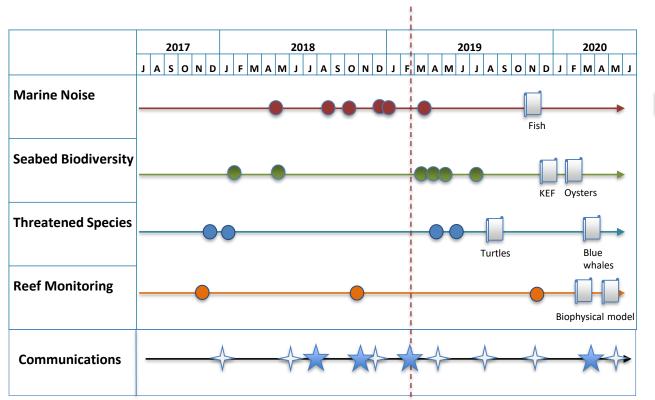
## **NWSSRP: Deliverables and Milestones**





Symposium / forums

→ Newsletter



#### **Communications**

AUSTRALIAN INSTITUT
OF MARINE SCIENCE

- Stakeholder communications program has been implemented with:
  - Website <u>www.aims.gov.au/nw-shoals-to-shore</u> for updates of progress and activities
  - Quarterly newsletter
  - Social media
  - Presentations to stakeholder groups
  - Symposia to present mid-term and end of study findings
  - Online resources maps made available publicly through the NW Atlas as completed
  - Scientific publications published ongoing as results are analysed



# NORTH WEST SHOALS TO SHORE RESEARCH PROGRAM

Welcome and program overview







Paul Hardisty – AIMS CEO





## **Program Overview**

**GSA Conditions** 



AIMS Research
Goals



NWSS Research Program



End user Relevance

'Regional study' must be agreed with Joint Authority;

#### Must

- Be of interest and benefit to the broader petroleum industry;
- Open file.

- Ecologically sustainable development of marine industries
- Determining the status and movement patterns of 'Threatened and endangered species'
- Understanding

   'Cumulative impacts and ecosystem resilience' in
   Western Australia.

\$19 million budget

- \$13.9 million Quadrant Energy
- \$4.3 million AIMS

Three year project

May 2017 to June 2020

Four themes, 11 interrelated projects

58 scientists and technical staff

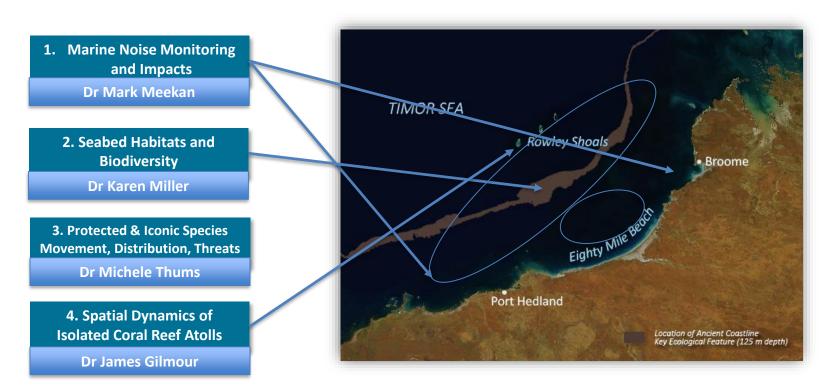
Outcomes will inform decision-making for petroleum industry, and result in real improvements to the development and management of the marine estate;

Key outreach will be designed around peer-reviewed scientific publications.





## **NWSS Research Program Themes**

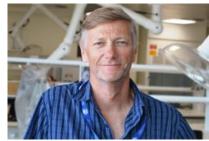








Mr Peter Farrell **Project Manager** 



Dr Mark Meekan

Marine noise and monitoring



Dr Karen Miller Seabed habitats and biodiversity



Mrs Olwyn Hunt **Project Coordinator** 



Dr Michele Thums
Protected and iconic species movement,
distribution and threats



Dr James Gilmour Understanding the isolated coral reef atolls of the north west shelf







- Highly collaborative projects involving all stakeholders
- Themes explored and designed with stakeholders
- Coinvestment from all stakeholders







## **Project Partners**

# Santos

























Department of Biodiversity, Conservation and Attractions





# Santos



THE UNIVERSITY OF WESTERN AUSTRALIA





## **Curtin University**



Parks Australia





















Department of Biodiversity, Conservation and Attractions



Australian Government

**Department of the Environment** 

Australian Antarctic Division

**GOVERNMENT OF**