NORTH WEST SHOALS TO SHORE RESEARCH PROGRAM
Welcome and what to expect from the day

Michaela Dommissie – Research Program Director (WA)

AIMS: Australia’s tropical marine research agency.
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

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>J</td>
<td>A</td>
<td>S</td>
<td>O</td>
</tr>
<tr>
<td><strong>Marine Noise</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Seabed Biodiversity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Threatened Species</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Reef Monitoring</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Field report and metadata**
- **Data reports / online resource**
- **Symposium / forums**
- **Newsletter**

#### Key

- Fish
- Pearl
- KEF
- Oysters
- Turtles
- Blue whales
- Biophysical model
Communications

- Stakeholder communications program has been implemented with:
  - 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

'Regional study' must be agreed with Joint Authority;
Must
• Be of interest and benefit to the broader petroleum industry;
• Open file.

AIMS Research Goals

• 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.

NWSS Research Program

$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

End user Relevance

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.

AIMS: Australia’s tropical marine research agency.
NWSS Research Program Themes

1. Marine Noise Monitoring and Impacts
   Dr Mark Meekan

2. Seabed Habitats and Biodiversity
   Dr Karen Miller

3. Protected & Iconic Species Movement, Distribution, Threats
   Dr Michele Thums

4. Spatial Dynamics of Isolated Coral Reef Atolls
   Dr James Gilmour

AIMS: Australia’s tropical marine research agency.
Meet the team leaders and project team

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
AIMS: Australia’s tropical marine research agency.

- Highly collaborative projects involving all stakeholders
- Themes explored and designed with stakeholders
- Coinvestment from all stakeholders
AIMS: Australia’s tropical marine research agency.