



ADAM J BOURKE

CURRICULUM VITAE

ACADEMIC QUALIFICATIONS

Diploma of Marine Studies (Fisheries Management), TAFE, WA, 2000

Bachelor of Environmental Science, Environmental Management, Charles Darwin University, 2010

Bachelor of Science, Honours, Charles Darwin University, 2011

EMPLOYMENT HISTORY

- 2011 – present Consultant Environmental Scientist, *EcoScience NT Pty Ltd*
- 2009 - 2011 Research Associate, *Tropical Rivers and Coastal Knowledge*, Charles Darwin University
- 2008 - 2011 Laboratory Technician, *Intertek/NTEL Mineral Services*, Berrimah, N.T
- 2008 - 2009 Native re-vegetation and erosion control management, *Greening Australia (EMS)*, Darwin, N.T
- 2005 - 2008 Operations Manager, *Australian Barramundi Culture*, Middle Point, N.T
- 2005 - 2008 Aquaculture Technician, *Australian Barramundi Culture*, Middle Point, N.T

PROFESSIONAL EXPERIENCE

2011 - 2015 Consultant Environmental Scientist, *EcoScience NT*

Environmental projects include:

- Monitoring of Rehabilitation Success, Gas Export Pipeline, December 2014 - INPEX Browse
 - Rehabilitation Works, Gas Export Pipeline Project, October 2014– Boskalis for INPEX Browse.
 - Environmental Assessment & Report, Berrimah Farm Project, September 2014 – Greencap.
 - Flora Survey and Field Report, Woodcutters Mine & Creek, September 2014 – Newmont Asia Pacific.
 - Baseline Monitoring of Mangrove Rehabilitation, Gas Export Pipeline Project, Oct - Dec 2014– Cardno for INPEX.
 - Risk Assessment, Ponding at Flare Pad, Blaydin Point, May 2014 – AEC Environmental for JKC.
 - Mud Wave Formation and Impacts to Mangroves, GEP, May 2014 – Boskalis.
 - Preliminary Terrestrial Flora & Fauna Survey, Remote Radar Station, Berrimah, April 2014 – AEC & JKC.
 - Risk Assessment, Impacts on Mangroves of DSM Process, April 2014 – Coffey & MKT.
 - Mangrove Rehabilitation Project, Ichthys INPEX Gas Export Pipeline, Dec'13 to present – Boskalis.
 - Bayview Expansion Project, Environmental Impact Assessment, March-April 2014 – GHD.
 - Technical Note on the Suitability of using TASS for Rehabilitation of the GEP, Dec 2013 – Boskalis.
 - Monitoring of Mangrove Community Health, Ichthys Onshore Project, Nov '13 to present – AEC & JKC.
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Environmental projects cont.:

Mangrove Monitoring Program, Ichthys INPEX Gas Export Pipeline Project – Feb '12 to present – Boskalis.

Ichthys Nearshore Environmental Monitoring Program, Mangrove Community Health Monitoring Program, Dredging Report 3, June 2013 - for Cardno & INPEX Browse.

Scientific Monitoring of Mangrove Flora & Fauna at Wickham Point Immigration Accommodation Facility, Wet season, Mar 2013 – for Wickham Point Development.

Ichthys Nearshore Environmental Monitoring Program Mangrove Community Health Monitoring Program, Dredging Reports 1 and 2, Nov 2012 – May 2013 - for Cardno & INPEX Browse.

Scientific Monitoring of Mangrove Flora & Fauna at WPIAF, Dry season 2012 - for Wickham Point Development.

Ichthys Nearshore Environmental Monitoring Program, Sedimentation and Mangrove Community Health Monitoring Program, Baseline Surveys 1 and 2, Mar – July 2012 - for Cardno & INPEX Browse.

Scientific Monitoring of Mangrove Flora & Fauna at WPIAF, Wet season 2012 - for Wickham Point Development.

Mangrove Assessment and Monitoring – Wastewater Discharge Licence Application, WPIAF, October 2011 - for Wickham Point Development.

Weddell Baseline Environmental Studies, Mangrove Invertebrate Fauna, July 2011–for Northern Territory Government.

RESEARCH EXPERIENCE

2010-2011 Honours, Charles Darwin University

Thesis topic: *Effect of boardwalks on macrofaunal communities in Darwin Harbour Mangroves*
Study designed to test the effects of boardwalks on a chosen suite of macro invertebrates in tropical mangrove forests.

2009-2011 Research Associate, *Tropical Rivers and Coastal Knowledge*, Charles Darwin University

TRaCK project 5.1: Bottom up and top down control of tropical river food webs. Taxonomic sorting and identification of terrestrial and aquatic insects.
SELS project: Kakadu floodplain Weed Mapping. Field work associated with installation and retrieval of data loggers and floristic surveying.

AWARDS & SCHOLARSHIPS

2010 AMOS Award for outstanding academic achievement in Ecosystems and Biodiversity, Charles Darwin University, N.T

TRAINING & QUALIFICATION

2012 Senior First Aid Certificate, St John Ambulance, N.T
2012 4wd Handling & Operation, SMART N.T
2010 UTROP (Undergraduate Training and Research Opportunity Programme), Kakadu Seed Biology Project, Charles Darwin University, N.T
2004 Certificate of Competency as Coxswain, SMIT, Darwin, N.T
2003 IANTD Nitrox Diver
2002 PADI Rescue Diver
1996 PADI Advanced and Open Water Diver
