

PUBLICATIONS FROM WAMSI PROJECTS

Node 1

Feng, M & K. Wild-Allen (2007). Productivity and nitrogen fluxes along the down welling coast off Western Australia. In: 'Carbon and Nutrient Fluxes in Continental Margins: A Global Synthesis'. Editors: Kon-Keo Liu, L. Atkinson, R. Quinones, L. Talaue-McManus (in press)

Capulti, N., S. de Lestang, M. Feng and A.F. Pearce. Seasonal variation in the long-term warming trend in water temperature off the Western Australian coast.

Feng, M., A.M. Waite and P.A. Thompson. Climate variability and ocean production in the Leeuwin Current system off the west coast of Western Australia. *Journal of the Royal Society of Western Australia*.

Feng, M. and K. Wild-Allen. The Leeuwin current, In: K-K Liu, L. Atkinson, R. Quinones and L. Talaue-McManus (Eds) *Carbon and Nutrient fluxes in Continental Margins: A Global synthesis*.

Waddington, K.L., L.M. Bellchambers, M.A. Vanderklift and D.I. Walker. Western rock lobsters (*Panulirus Cygnus*) in Western Australian deep coastal ecosystems (35-60m) are more carnivorous than those in shallow coastal ecosystems. *Estuarine and Coastal Marine Science*.

Greenwood, J. and K. Soetaert. Interannual variability in the seasonal cycle of chlorophyll in the Leeuwin current off the southwest Western Australian coast. *Journal of Marine Research*.

Paterson, M.L., M. Feng, A.M. Waite, D. Gomis, L.E. Beckley, D. Holliday and P.A. Thompson. Physical and chemical signatures of a developing anti-cyclonic eddy in the Leeuwin current, Eastern Indian Ocean. *Journal of Geophysical Research*.

Phillips, J.C. J.M. Huisman, D. Watson and E. Harvey. Influence of the Leeuwin Current on the marine biota of the Houtman Abrolhos. *Journal of the royal Society of Western Australia*.

Westera, M.G., G.T. Coupland, J.C. Phillips, A.J. Grochowski and E.S. Harvey. The marine environment of the Capes region (Western Australia) and the influence of the Leeuwin current on diversity and distribution of fishes and algae. *Journal of the Royal Society of Western Australia*.

England, P.R., J. Phillips, J.R. Waring, G. Symonds and R. Babcock. Modelling wave-induced disturbance in highly biodiverse marine macroalgal communities: support for the Intermediate Disturbance Hypothesis. *Marine and Freshwater Research*.

Kleczkowski, M., R.C. Babcock and G. Clapin (2008) Density and size of reef fishes in and around a temperate marine reserve. *Marine and Freshwater Research* 59: 165-176.

Babcock, R.C., J.C. Phillips, M. Lourey and G. Clapin (2007). Increased density, biomass and egg production in an unfished population of Western Rock Lobster (*Panulirus Cygnus*) at Rottnest island, Western Australia. *Marine and Freshwater Research* 58:286-292.

Pearce, A. and M. Feng (2007). Evidence for global warming on the Western Australian continental shelf. *Marine and Freshwater Research* 58: 914-920.

Node 2

Node 2.1

Zhao, M. and H.H. Hendon 2008: Simulation and prediction of the Indian Ocean Dipole in the POAMA coupled seasonal forecast model. *Quart. J. Roy. Meteorol. Soc.*

Hendon, H.H., and G. Wang, 2007: Seasonal prediction of the Leeuwin Current. *CLIVAR Exchanges*, 12, 28-30

Hendon, H.H., and G. Wang, 2007: Seasonal prediction of the Leeuwin Current. *Climate Dyn. (submitted)* – newspaper article

Yin, Y., O. Alves, P. Oke and F. Tseitkin, 2008: POAMA Ocean Reanalysis Evaluation and Intercomparison, 2008 Ocean Science Meeting, 2-7 March 2008, Orlando, Florida, USA

Node 2.2

Publications

Meyers, G., McIntosh, P., Pigot, L. and , M. (June 2007) The Years of El Niño, La Niña and Interactions with the Tropical Indian Ocean. *Journal of Climate*, p 2872, Vol 20, American Meteorological Society.

Pearce, A., Feng, M. (2007). Evidence for global warming on the Western Australian continental shelf. *Marine and Freshwater Research*, 58, 914-920.

Moore, T.M., Matear, R.J., Marra, J. and Clementson, L., 2007: Phytoplankton variability off the Western Australian Coast: Mesoscale eddies and their role in cross-shelf exchange. *Deep Sea Research II*, 54: 943-960.

L. Wainwright, G. Meyers, S. Wijffels, L. Pigot (2008), Change in the Indonesian Throughflow with the climate shift of 1976/1977. *Geophysical Research Letters*, 35, L03604.

Paterson, H. L., Feng, M., Waite, A. M., Gomis, D., Beckley L. E., Holliday, D., Thompson, P. A. (2008): Physical and chemical signatures of a developing anti-cyclonic eddy in the Leeuwin Current, Eastern Indian Ocean, manuscript submitted to *Journal of Geophysical Research*, 113, C07049, doi:10.1029/2007JC004707.

Koslow, A.J., Pesant, S., Feng, M., Pearce, A., Fearn, P., Moore, T., Matear, R.J. and Waite, A., 2008: The effect of the Leeuwin Current on phytoplankton biomass and production off Southwestern Australia. *Journal of Geophysical Research*, 113(C07050): doi:10.1029/2007JC004102.

Alory, G. and Meyers, G. (2008): Warming of the upper equatorial Indian Ocean and changes in the heat budget (1960-2000), *Journal of Climate*, in press.

Feng, M., A. Biastoch, C. Boning, N. Caputi, G. Meyers, 2008: Seasonal and interannual variations of upper ocean heat balance off the west coast of Australia. *Journal of Geophysical Research*, in press.

Caputi, N., S. de Lestang, M. Feng, and A.F. Pearce, 2008: Seasonal variation in the long-term warming trend in water temperature off the Western Australian coast. *Marine and Freshwater Research*, in press.

Dietze, H, Matear, R.J. and Moore, T.M., 2008: The Nitrogen Budget in Anti-Cyclonic Eddies off Western Australia Based on Eddy-Resolving Modelling and Observations, being revised for *Deep Sea Research I*.

Node 3

Current Publication List for Node 3 Research

Books

Parker, J. in press. Foraminifera of Ningaloo Reef. Association of Australasian Palaeontologists

Peer-reviewed Journals

Published

Boschetti, Fabio. 2009. Detecting behaviours in ecological models. *Ecological Complexity*.

doi:10.1016/j.ecocom.2009.05.014

Cassata, L., Collins L.B. 2008. Coral reef communities, habitats, and substrates in and near sanctuary zones of Ningaloo Marine Park. *Journal of Coastal Research*, 24(1), 139–151. West Palm Beach (Florida), ISSN 0749-0208.

Collins, LB. 2009. Controls on morphology and growth history of coral reefs on Australia's western fringe In: *Cenozoic Carbonate Systems of Australasia*. Morgan, William A., George Annette, Harris, Paul M., Kubez, Julie, and Sarg, J. Frederick (eds), Society of Economic Palaeontologists and Mineralogists Special Publication

Sleeman, JC, Meekan, MG, Wilson, SG, Jenner, CKS, Jenner, MN, Boggs, GS, Steinberg, CC, Bradshaw, CJA. 2007. Biophysical correlates of relative abundances of marine megafauna at Ningaloo Reef, Western Australia. *Marine and Freshwater Research*, 58: 608-623.

Twiggs, EJ and Collins, LB. in press. Development and demise of a fringing coral reef during Holocene environmental change. *Marine Geology*

Wilson, SG, Stewart, BS, Polovina, JJ, Meekan, MG, Stevens, JD, Galuardi, B. 2007. Accuracy and precision of archival tag data: a multiple-tagging study conducted on a whale shark, *Rhincodon typus*, in the Indian Ocean. *Fish Oceanog.* 16:6, 547-554.

Wyatt, A, Waite, AM, Lowe, R, Humphries, S. In Press. Coral reefs source particulate food from large-scale oceanic "catchments". *Proc.Nat. Acad. Sci.*

Conference Proceedings

Babcock, R. 2009. Integrating science into management to support marine conservation: a management perspective. Pages 17-18 in *Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management*. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.

Babcock, R, Haywood, M, Vanderklift, M, Clapin, G, Kleczkowski, M, Limbourn, A, Pillans, R, Dennis, D, Skewes, T, Milton, D, Murphy, N.. 2008. Effects of zoning on exploited fish populations in the Ningaloo Marine Park. In *Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management*. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.

Black, B, Johnson, M, Brearley, A, Kendrick, A, Prince, J.. 2008. Intertidal invertebrates 2007 pilot study. In *Proceedings of the Second Annual Ningaloo Research Symposium: Discovering*

- Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Collins, L, Twigg, E, Stevens, A, Tecchiato, S. . 2009. Growth history, geomorphology, surficial sediments and habitats of the Ningaloo Reef. In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Collins, L, Twigg, E, Stevens, A.. 2008. Ningaloo reef ancestral morphology and growth history. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Depczynski, M., Heyward, A, Radford, B, Babcock, R, Haywood, M.. 2009. Current status of the invertebrate fauna targeted by fishers and the possible outcomes of different management alternatives. In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Fitzpatrick, B, Harvey, Babcock, R.. 2008. Patterns in the assemblage structure of coral reef fish within and adjacent to no-take marine reserves of the Ningaloo Reef. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Fitzpatrick, B, Harvey, Heyward, A. 2008. Lagoonal and cross shelf patterns in the trophic structure of benthic fish assemblages on the Ningaloo Reef. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Fitzpatrick, B., Harvey, E, Babcock, R., Twigg, E.. 2009. Spatial and temporal variation in fish assemblages within and adjacent to coral reef marine protected areas. In Proceedings of the Ningaloo Research Day for Students. 30 March 2009, Floreat WA.
- Heyward, A. 2008. Ningaloo deeper water biodiversity surveys. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Heyward, A. 2009. Ningaloo Deeper water biodiversity: a WAMSI collaboration in progress. In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Irvine, TR, Keesing JK (eds). 2007. Whale Sharks: Science, Conservation and Management. Proceedings of the First International Whale Shark Conference, 9-12 May 2005, Australia. Fisheries Research Special Issue 84
- Irvine, TR, Keesing JK (eds). 2007. The First International Whale Shark Conference: Promoting international collaboration in whale shark conservation, science and management. Conference Overview, abstracts and supplementary proceedings. CSIRO Marine and Atmospheric Research, Australia. 98p
- Johnson, M, Black, R, Prince, J, Brearley, A. 2009. Intertidal invertebrates. In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Little, R and McDonald, D. 2009. Evaluating management strategies for line fishing in the Ningaloo Marine Park. In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.

- McCartney, A. 2009. The policy relevance of choice modelling: an application to Ningaloo and Capes Marine Parks. In Proceedings of the Ningaloo Research Day for Students. 30 March 2009, Floreat WA.
- Mckenna, S, Waples, K. 2008. Communicating science. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Meekan, MG, Bradshaw, CJA, Polovina, JJ, Wilson, S, Stevens, JD.. 2008. Tagging and tracking the world's largest fish. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- NRCC. 2007. Proceedings of the Ningaloo Marine Park Symposium, 16-17 July 2007, Murdoch University, Perth. Department of Environment and Conservation. Perth, WA
- NRCC. 2008. Discovering Ningaloo: latest findings and their implications for management. Proceedings of the Second Annual Ningaloo Research Symposium, 28-29 May 2008, Murdoch University, Perth. Department of Environment and Conservation. Perth, WA
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- Pattiaratchi, C, Lowe, R, Taebi, S, Ivey, G, Symonds, G.. 2008. Characterisation and modelling of oceanographic processes at Ningaloo Reef. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 - 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
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- Pillans, R, Babcock, R. 2009. Testing zone adequacy: movement and habitat utilization of fishes in Ningaloo Marine Park. In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Rousseaux, C. 2009. Production and transport of particulate matter in a regional current system. In Proceedings of the Ningaloo Research Day for Students. 30 March 2009, Floreat WA.
- Speed, C. 2008. The Ningaloo Reef Ecosystem Tracking Array and reef shark movement patterns. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Twiggs, E, Collins, L, Tecchiato, S. 2008. Mapping and characterising reef growth, contemporary geomorphology and sedimentary environments for conserving habitats and communities of Ningaloo. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
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- Verges, A, Hyndes, G. Vanderklift, M, Babcock, R, Haywood, M, Doropoulos, C, Thomson, D. 2008. Spatial variation in herbivory on Ningaloo reef. In Proceedings of the Second Annual Ningaloo Research Symposium: Discovering Ningaloo- latest findings and their implications for management. 28 and 29 May, Murdoch University, WA. Ningaloo Research Coordinating Committee. Perth, WA.
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- Waite, AM, Wyatt, A, Lowe, R. 2009. The biological oceanography of Ningaloo Reef In Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Waples, K and Simpson, C. 2009. Integrating science into management to support marine conservation: a management perspective. Pages 9-16 in Proceedings of the Third Annual Ningaloo Research Symposium: Ningaloo into the future - integrating science into management. 26 and 27 May, Exmouth, WA. Ningaloo Research Coordinating Committee. Perth, WA.
- Wenziker, K. 2009. Ecology of Indo-Pacific humpback dolphins (*S. chinensis*) and bottlenose dolphins (*Tursiops* sp) in Ningaloo Marine Park. In Proceedings of the Ningaloo Research Day for Students. 30 March 2009, Floreat WA.
- Wilson, D. 2009. Assessment of coastal groundwater and linkages with Ningaloo Reef In Proceedings of the Ningaloo Research Day for Students. 30 March 2009, Floreat WA.

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- Babcock, R. 2008. Effectiveness of sanctuary zones for protecting subtidal fish communities Pages 8-10 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- Black, B. 2008. Intertidal invertebrates of Ningaloo: a pilot study Pages 14-16 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- Collins, L and Twigg, E. 2008. Growth history, geomorphology, surficial sediments and habitats of the Ningaloo Reef Pages 48-51 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- Fitzpatrick. 2008. Lagoonal and cross shelf patterns in the trophic structure of demersal fish assemblages on the Ningaloo Reef Pages 11-13 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- Heyward, A. 2008. Deep water biodiversity Pages 16-19 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- Little, R. 2008. A demonstration of ELFSim for evaluation of line fishing management strategies on the Ningaloo Reef Pages 101-105 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- Lowe, R. 2008. Hydrodynamics of fringing reef systems: Ningaloo Reef, WA. Pages 52-55 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.
- McCartney, A. 2008. The policy relevance of choice modelling: an application to the Ningaloo and proposed South West Capes Marine Parks Pages 81-83 in Discovering Ningaloo: latest findings

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Simpson, C, Waples, K, Kendrick A. 2008. Science and management: a framework to enhance knowledge transfer Pages 88-90 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.

Speed, CW. 2008. Monitoring reef shark movement patterns with the Ningaloo Reef Ecosystem Tracking Array Pages 20-21 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.

Waite, A and Rousseaux, C. 2008. Cross shelf transport and loss of primary production off WA: the impacts of the Leeuwin current on Ningaloo Reef Pages 59-60 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.

Waples, K, Hollander, E. (eds). 2008. Ningaloo Research Progress Report: Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.

Wyatt, A, Waite, AM. 2008. The role of oceanographic processes in the trophic ecology of coral reefs: linking reef biodiversity and biogeochemistry Pages 56-58 in Discovering Ningaloo: latest findings and their implications for management. Ningaloo Research Program Progress Report. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, Perth WA.

Reports

Armstrong, Shannon. 2006. Current research in the Ningaloo Marine Park. Department of Environment and Conservation. Perth, WA

Armstrong, Shannon. 2006. Bibliography of marine scientific research relevant to the Ningaloo Marine Park and adjacent waters. Department of Environment and Conservation. Perth, WA

Collins, L.E and Stevens, Alexandra. 2008. Assessment of coastal groundwater dynamics and linkages with Ningaloo Reef. WAMSI Node 3 Progress Report.

Collins, L.E and Stevens, Alexandra. 2010. Assessment of coastal groundwater and linkages with Ningaloo Reef – Final Report February 2010. WAMSI Node 3 Final Report.

Collins, LE and Twiggs, EJ. 2010. Ningaloo Marine Park – Geomorphology and growth history – Core study – Final report January 2010. WAMSI Node 3 Final Report.

Colquhoun, J.R; Heyward, A.J; Rees, M.; Twiggs, E., McAllister, F.; Speare, P. 2007. Deepwater Communities at Ningaloo Marine park - Ningaloo Reef Marine Park Deepwater Benthic Biodiversity Survey. WAMSI Node 3 project 1 subproject 3.1.1 Metadata Report Number 2

Colquhoun, JR, Heyward, AJ, Rees, M., Twiggs, E., Fitzpatrick, B. 2006. Ningaloo Reef Marine Park Benthic Biodiversity Metadata Report. WAMSI Node 3 Project 1 3.1.1: Deepwater communities at Ningaloo Marine Park

Colquhoun, JR, Heyward, AJ, Rees, M., Twiggs, E., Fitzpatrick, B., McAllister, F., Speare, P. 2008. Ningaloo Marine Park Benthic Biodiversity Survey WAMSI Node 3 Project 1 Subproject 3.1.1 Deepwater communities at Ningaloo Marine Park Annual Report.

Heyward, AJ, Radford, B, Colquhoun, JR, Fromont, J, Fitzpatrick, B., Harvey, E, Twiggs, E., 2010. Ningaloo Reef Marine Park Deepwater Benthic Biodiversity Survey: Summary of final field surveys and initial analyses. WAMSI Node 3 Project 1 Progress Report 2009.

Stevens, JD, PR Last, WT White, RB McAuley, MG Meekan. 2010. Diversity, abundance and habitat utilisation of sharks and rays. WAMSI Node 3.2.1 Final Report.

Taebi, S., Lowe, R., Pattiaratchi, C., Ivey, G., Symonds, G. 2008. Hydrodynamic Modelling of Coral Reefs: Ningaloo Reef - Western Australia. WAMSI student progress report

Twiggs, EJ, Collins LB. 2008. Ningaloo Marine Park - Geomorphology and Growth History - core study Progress Report July 2008. Progress Report

- Twiggs, E.J. 2008. Ningaloo Marine Park Offshore Geomorphology, Surficial Sediments and Habitats Linkages. WAMSI student progress report Jan 2008
- Twiggs, E.J.; Collins, L.B. 2007. Ningaloo Marine Park Inshore Geomorphology, Surficial Sediments and Habitats Linkages. WAMSI Node 3 Project 3.4 Progress report July 2007
- Twiggs, E.J.; Collins, L.B. 2007. Ningaloo Marine Park Offshore Geomorphology, Surficial Sediments and Habitats Linkages. WAMSI Node 3 Project 3.4 Progress report June 2007
- Twiggs, EJ, Collins LB, Heyward A, Colquhoun, J. 2009. Influence of geophysical variables on the distribution of habitat assemblages of the Northern Ningaloo continental shelf
- Twiggs, EJ, Collins LB, Fitzpatrick B. 2009. Geomorphic controls on habitats and coral community zonation of the Northern Ningaloo Reef
- Waples, Kelly. 2007. Current research in the Ningaloo Marine Park, 2007. Department of Environment and Conservation. Perth, WA

Theses

- Lee, Sam. 2008. Hydrogeology of Cape Range Limestone aquifers, NW Australia. PHD Thesis Department of Applied Geology. Curtin University.
- Tecchiato, Sira. 2009. Geomorphology, habitats and substrates of the shelf adjacent Ningaloo Reef. Masters Thesis
- Wilson, Deanna. 2008. GIS Analysis of Groundwater Occurrence in Ningaloo reef marine Park, WA. Masters by coursework thesis. Department of spatial sciences, Curtin.

Node 3.4

Collins L.B., 2010. Western Australian Reefs. Encyclopedia of Modern Coral Reefs. Hopley D (Ed.). Springer.

Collins L.B., 2010. Reef Structure. Encyclopedia of Modern Coral Reefs. Hopley D (Ed.). Springer.

Zhao J-X., Collins L.B., 2010. Uranium Series Dating. Encyclopedia of Modern Coral Reefs. Hopley D (Ed.). Springer.

Collins L.B., Testa V, in press. Quaternary Reef Development on the Subsiding Kimberley Continental Margin, Northwest Australia. Brazillian Journal of Oceanography.

Collins L.B, 2009: Controls on morphology and growth history of coral reefs on Australia's western margin. In: Cenozoic Carbonate Systems of Australasia, Morgan, William A., George, Annette, Harris, Paul M., Kupecz, Julie, and Sarg, J. Frederick (eds.), Society of Economic Palaeontologists and Mineralogists Special Publication.

Cassata L, Collins LB (2008) Coral reef communities, habitats, and substrates in and near Sanctuary Zones of Ningaloo Marine Park. Journal of Coastal Research: Vol. 24, No. 1 pp. 139–151

Tecchiato S., Collins L.B., Twiggs E.J. and Colquhoun J.R. 2010 submission to Journal of Coastal Research. A deep-water habitat assessment of Ningaloo Marine Park by towed video transect analysis.

4 journal articles for submission as part of Emily Twiggs PhD thesis, including:

Twiggs E.J., Collins L.B. 2009 in press Marine Geology. Development and demise of a fringing coral reef during Holocene environmental change.

Twiggs E.J., Collins L.B., Tecchiato S. 2010 submission to Marine Geology. Geomorphology, sedimentary environments and habitats of the northern Ningaloo shelf.

Twiggs E.J., Collins, L.B. 2010 submission to Sedimentology. Carbonate assemblages of the northern Ningaloo continental shelf.

Twiggs E.J., Collins L.B., and Fitzpatrick, B.M. 2010 submission to Journal of Coastal Research. Influence of Quaternary evolution on contemporary geomorphic structure, habitats and zonation of the Ningaloo Reef System.

Additional titles (tbc) after completion of PhD thesis include:

Twiggs E.J., Collins L.B. Broadscale geomorphology and carbonate sedimentology of the Ningaloo Marine Park.

Twiggs E.J., Collins L.B., and Colquhoun J. Influence of geophysical variables on the biodiversity of the northern Ningaloo continental shelf.

Thesis

Emily Twiggs, 2010 submission. Geomorphology, Sediments and Habitats of the Ningaloo Reef and Continental Shelf, Western Australia. PhD Thesis.

Sira Tecchiato, 2009. Geomorphology, Habitats and Substrates of the Shelf Adjacent Ningaloo Reef. Masters Thesis.

Reports:

Collins L.B. and Twiggs E.J. 2008. Ningaloo Marine Park - Geomorphology and Growth History - Core Study. Final Report, Feb 2010.

Twiggs, E.J., Collins, L.B., Tecchiato S. 2009. Offshore Geomorphology Surficial Sediments and Habitat Linkages. In: Colquhoun J.R. and Heyward A. (Eds.), Ningaloo Marine Park Deepwater Benthic Biodiversity Survey. WAMSI Node 3 Project 1 Subproject 3.1.1 Annual Report 2009.

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Collins L.B., Twiggs E.J., Tecchiato S., Stevens A. Growth history, geomorphology, surficial sediments and habitats of the Ningaloo Reef. 2008. In: Waples, K (Ed.). Ningaloo Research Progress Report: Discovering Ningaloo - Latest findings and their implications for management. Ningaloo Research Coordinating Committee. Department of Environment and Conservation, WA.

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