



Refereed Journal Articles (in press)

- Jardine TD, Hadwen WL, Hamilton SK, Hladyz S, Mitrovic SM, Kidd KA, Tsoi WY, Spears M, Westhorpe DP, Fry VM, Sheldon F and Bunn SE (2012) Understanding and overcoming baseline isotopic variability in running waters. *River Research and Applications* doi : 10.1002/rra.2630.
- Nielsen DL, Podnar K, Watts RJ and Wilson AL (2011) Empirical evidence linking increased hydrologic stability with decreased biotic diversity within wetlands. *Hydrobiologia*. doi : 10.1007/s10750-011-0989-5.
- Price AE, Humphries P, Gawne B and Thoms MC (2012) Effects of discharge on the distribution, stability and within-patch characteristics of slackwaters at multiple scales in a lowland river. *Canadian Journal of Fisheries and Aquatic Sciences*.
- Vilizzi L and Copp GH (2012) Application of FISK, an invasiveness screening tool for non-native freshwater fishes, in the Murray-Darling Basin (south-eastern Australia). *Risk Analysis* doi: 10.1111/j.1539-6924.2012.01860.x.
- Vilizzi L, McCarthy B, Scholz O, Sharpe CP and Wood DB (2013) Managed and Natural inundation: benefits for conservation of native fish in a semi-arid wetland system. *Aquatic Conservation: Marine and Freshwater Ecosystems* doi : 10.1002/aqc.2281.

Refereed Journal Articles (published)

- Allen-Ankins S, Stoffels RJ, Pridmore PA, Vogel MT (2012) The effects of turbidity, prey density and environmental complexity on the feeding of juvenile Murray cod *Maccullochella peelii*. *Journal of Fish Biology* 80: 195-206.
- Baldwin D and Mitchell A (2012) Impact of sulfate pollution on anaerobic biogeochemical cycles in a wetland sediment. *Water Research* 46: 965-974.
- Beesley L, King AJ, Amtstaetter F, Koehn JD, Gawne B, Price A, Nielsen DL, Vilizzi L and Meredith S (2012) Does watering affect spatio-temporal variation of fish assemblages in temperate floodplain wetlands? *Freshwater Biology* 57 (9): 2230-2246.
- Fraser MA, Baldwin DS, Rees G, Silvester EJ and Whitworth KL (2012) Rehabilitation options for inland waterways impacted by sulfidic sediments - Field trials in a south-eastern Australian wetland. *Journal of Environmental Management* 102: 71-78.
- Gawne B, Price A, Koehn JD, King AJ, Nielsen DL, Meredith S, Beesley L and Vilizzi L (2012) A Bayesian belief network decision support tool for watering wetlands to maximise native fish outcomes. *Wetlands* 32: 277-287.
- Hladyz S, Nielsen D, Suter PJ, and Krull ES (2012) Temporal variations in organic carbon utilisation by consumers in a lowland river. *River Research and Applications* 28: 513-528.
- Kattel GR (2012) Can we improve management practice of lakes using cladoceran zooplankton? *River Research and Applications* 28:1113-1120.
- Nielsen DL, Smith D and Petrie R (2012) Resting egg banks can facilitate recovery of zooplankton communities after extended exposure to saline conditions. *Freshwater Biology* 57: 1306-1314.
- Ning N, Hladyz S, Gawne B, Maffei S, Price A and Nielsen D (2012) Morphological, physiological and behavioral response patterns of carp gudgeon (*Hypseleotris* spp.) to food deprivation: implications for assessing health. *Journal of Fish Biology* 80: 218-224.
- Ning NSP, Watkins SC, Gawne B and Nielsen DL (2012) Assessing the potential for using wetlands as intermediary storages to conjunctively maintain ecological values and support agricultural demands. *Journal of Environmental Management* 107: 19-27.
- Price A, Maher W, Kirby J, Krikowa F, Duncan E, Taylor A and Potts J (2012) Distribution of arsenic species in an open seagrass ecosystem: relationship to trophic groups, habitats and feeding zones. *Environmental Chemistry* 9: 77-88.
- Vilizzi L (2012) Abundance trends in floodplain fish spawning: the role of annual flow characteristics in the absence of overbank flooding. *Fundamental and Applied Limnology* 181(3): 215-227.
- Vilizzi L, Price A, Beesley L, Gawne B, King AJ, Koehn J, Meredith SN and Nielsen DL (2012) Knowledge engineering and application of a Bayesian network for managing watering events for wetland fish. *Environmental Modelling & Software* (4) doi: 10.1016/j.envsoft.2012.11.004
- Vilizzi L, Price A, Beesley L, Gawne B, King AJ, Koehn JD, Meredith SN, Nielsen DL and Sharpe CP (2012) The belief index: An empirical measure for evaluating outcome in Bayesian belief network modelling. *Ecological Modelling* 228: 123-129.

- Vilizzi L (2012) The common carp, *Cyprinus carpio*, in the Mediterranean Region: Origin, distribution, economic benefits, impacts and management. *Fisheries Management and Ecology* 19: 93-110.
- Whiterod NS and Sherman B (2012) Environmental gradients along a lowland weir pool in the Southern Murray-Darling Basin, Australia. *River Research and Applications* 28: 1680-1694.
- Whitworth KL and Baldwin DS (2012) Drought, floods and water quality: Drivers of a severe hypoxic blackwater event in a major river system (the southern Murray-Darling Basin, Australia). *Journal of Hydrology* 450-451: 190-198.

Book Chapters

- Stoffels RJ (2012) Trophic ecology: an integrative view. In: *The Ecology of Australian Freshwater Fishes*. Edited by: Humphries, P. and K.F. Walker. CSIRO publishing, Canberra.

Technical and Consultancy Reports

- Baldwin D (2012) Monitoring the effects of environmental flows on hypoxic blackwater in the Murray & Murrumbidgee Rivers. An Interim report 2 May prepared for the Commonwealth Environmental Water Office by The Murray-Darling Freshwater Research Centre. May 2012. 8pp.
- Baldwin D (2012) Monitoring the effects of environmental flows on hypoxic blackwater in the Murray & Murrumbidgee Rivers. An Interim report 11 May prepared for the Commonwealth Environmental Water Office by The Murray-Darling Freshwater Research Centre. May 2012. 8pp.
- Baldwin D (2012) Monitoring the effects of environmental flows on hypoxic blackwater in the Murray & Murrumbidgee Rivers. An Interim report 28 May prepared for the Commonwealth Environmental Water Office by The Murray-Darling Freshwater Research Centre. May 2012. 5pp.
- Baldwin D, Whitworth K, Silvester E, Reid R and Brookes J (2012) **Final**. Investigating the cause of high pH in wetlands of the south-east of South Australia. August 2012. 50pp.
- Baldwin D and Whitworth K (2012) **Final**. Water quality monitoring in the lower Darling River associated with the transfer of water from Menindee Lakes. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 22/2012, December, 23pp
- Baldwin, DS and Whitworth, KL (2012) Improving the capacity to manage blackwater in the southern Murray-Darling Basin. Project Implementation Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, November 2012, 8 pp.
- Bogenhuber D and Linklater D (2012) **Final**. The Darling Anabranche Adaptive Management Monitoring Plan Condition Monitoring 2011. Final Report prepared for the NSW Office of Environment and Heritage by The Murray-Darling Freshwater Research Centre, MDFRC Publication 2/2012, March, 91pp.
- Bogenhuber D, Linklater D and Carr L (2012) Draft. Darling Anabranche Adaptive Management Monitoring Plan: Intervention Monitoring Summary of Results 2010-2011. Draft Report prepared for the NSW Office of Environment and Heritage by The Murray-Darling Freshwater Research Centre. June 2012. 29pp.
- Bogenhuber D, Linklater D, Carr L and Stoffels R (2012) **Final**. Monitoring the directional movement of fish during the filling events of three Darling Anabranche Lakes during the 2012 flood. Final report prepared for the NSW Office of Environment and Heritage by The Murray-Darling Freshwater Research Centre, MDFRC Publication 24/2012, August, 36 pp.
- Bogenhuber D and Pay T (2012) **Final**. State of the Wetlands: Etiwanda and Bob Corbould Wetlands Autumn 2012 Final Report prepared for Mildura Rural City Council by The Murray-Darling Freshwater Research Centre, MDFRC Publication 06/2012, April, 37pp.
- Campbell CJ and Baldwin DS (2011) **Final**. Assessing the effectiveness of The Living Murray managed watering events and the adequacy of monitoring and reporting arrangements. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 21/2011, February 2012 25pp.
- Campbell C, Healy S and D'Santos P (2012) **Final**. Value of environmental watering during drought years: Wetland vegetation response. Final Report prepared in conjunction with NSW Office of Environment and Heritage by The Murray-Darling Freshwater Research Centre, MDFRC Publication 14/2012, June, 92pp.
- Cook R, Nielsen D and Petrie R (2012) **Final**. Monitoring dissolved oxygen and water quality around the Barmah-Millewa Forest. Final Report prepared for the Goulburn Broken Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 09/2012, May, 16pp.
- Cook R, Ning N and Price (2012) Ecological resilience in the Murray-Darling Basin 2011-12 Floodplain Response Project (MD2009) Progress report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Progress Report, March 2012. 9pp.
- Cook R, Ning N, Nielsen D, Gawne B, Vilizzi L (2012) **Final**. Changes to the structure and function of Murray-Darling Basin rivers in response to the transition from drought. Final Report prepared for the Murray-Darling Basin Authority and Department of Sustainability, Environment, Water, Population and Communities by The Murray-Darling Freshwater Research Centre, MDFRC Publication 4/2012, March, 71pp.
- Davey C and Hawking J (2012) **Final**. Mitta Mitta Monitoring Program: Progress Report Autumn 2012. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 13/2012, May, 19pp.

- Davy C and Hawking J (2012) **Final**. Mitta Mitta Monitoring Program: 2008/09 – 2010/11 Final Report. Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 38/2011, March 2012, 95pp.[Finalised in May 2012].
- Davey C and Hawking J (2012) Mitta Mitta Monitoring Program: Progress Report Spring 2012. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 27/2012, September, 26pp.
- Ellis I (2012) **Final**. Sandilong Creek Carp Removal, June 2012. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 19/2012, June, 4pp.
- Ellis I, Carr L and Pyke L (2012) **Final**. Murray hardyhead (*Craterocephalus fluviatilis*) rejuvenation in Victoria: population monitoring, translocation and captive breeding programs 2011–12. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 20/2012, June, 46pp.
- Ellis I and Campbell C (2012) Kings Billabong fish and aquatic vegetation monitoring 2011-2012. Draft report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre. MDFRC Publication 30/2012, June 2012, 34pp.
- Ellis I and Kavanagh M (2011) **Final** Assessment of fish movement between Butlers Creek and the Murray River: Winter 2011. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 33/2011, September, 24 pp.
- Ellis I and Pyke L (2012) Murray hardyhead rejuvenation in Victoria – progress report on the status of wild, translocated and back-up captive populations in the Murray Mallee Bioregion Prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre. MDFRC Progress Report, January, 15pp.
- Ellis I and Pyke L (2012) **Final**. Assessment of Larval Drift in the Murray River (near Mildura) 2011-2012. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 18/2012, June 2012, 12pp.
- Ellis I and Pyke L (2012) **Final**. Captive maintenance of Murray hardyhead from two South Australian Riverland wetlands (Disher Creek and Berri Evaporation Basin), 2011-2012. Final Report prepared for the Department of Environment and Natural Resources by The Murray-Darling Freshwater Research Centre, MDFRC Publication 28/2012, May, 5pp.
- Ellis I and Pyke L (2012). Captive maintenance of Murray hardyhead from two South Australian Riverland wetlands (Disher Creek and Berri Evaporation Basin), 2011-2012. Report prepared for the Department of Environment and Natural Resources by The Murray-Darling Freshwater Research Centre, MDFRC Publication 11/2011, May, 10pp.
- Ellis I and Pyke L (2011) **Final**. Assessment of the fish community in Margooya Lagoon post Murray River flooding (August 2011) and lateral movement upon reconnection to a rising Murray River. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 39/2011, August, 22pp.[Finalised in May 2012].
- Ellis I and Sharpe C (2012) **Final**. Fish surveys of Carrs and Cappitts Creeks, March 2012. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre and CPS Environmental Research. MDFRC Publication 03/2012, March, 19pp.
- Ellis I and Sharpe C (2012) Fish Monitoring in Carrs, Cappitts and Bunberoo Creek system, Lower Murray Darling NSW (spring 2012). Progress Report prepared for the NSW Office of Water by The Murray-Darling Freshwater Research Centre, MDFRC Publication, March, 7pp.
- Ellis I and Wood D (2011) **Final**. Assessment of the fish community in Lake Kramen (north-west Victoria) upon re-inundation after a 17 year dry spell. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 18/2011, June 2012, 9pp.
- Henderson M, Vilizzi L, Cranston G and Wood D (2012) **Final**. The Living Murray Condition Monitoring at Hattah Lakes 2011/12: Part B – Supplementary Material. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 25/2012, September, 115pp.
- Henderson M, Wood D, Cranston G, Vilizzi L, Campbell C and Johns C (2012) **Final**. The Living Murray Condition Monitoring at Lindsay, Mulcra and Wallpolla Islands 2011/12: Part A. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 26/2012, September, 151 pp.
- Henderson M, Wood D, Cranston G and Vilizzi L (2012) **Final**. The Living Murray Condition Monitoring at Lindsay, Mulcra and Wallpolla Islands 2011/12: Part B _ supplementary Material. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 26/2012, September, 143 pp.
- Henderson M, Wood D, Cranston G, Hayward G, Campbell C, Johns C and Vilizzi L (2012) **Final**. The Living Murray Condition Monitoring at Hattah Lakes 2011/12: Part A – Main Report. Final Report prepared for the Mallee Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 25/2012, September, 131 pp.
- IECA Framework Victorian Icon Sites ‘Proof of Concept Trial’ (2012) Draft. Issues paper for consideration by Project Working Group. Draft Report prepared for the The Department of Sustainability, Environment, Water, Populations and Communities by The Murray-Darling Freshwater Research Centre, MDFRC Publication 10/2012, May 2012, 101pp.
- MDFRC (2012) Resilience Knowledge Requirements to support implementation of the Basin Plan: Outcomes of an MDBA workshop. Final Report prepared for the Murray-Darling Basin Authority by Ben Gawne, MDFRC Publication 05/2012, April, 9pp.
- McInerney P, Gawne B and Davey C (2012) **Final**. Effect of Willow (*Salix* spp.) Removal on Freshwater Ecosystem Dynamics: Spring 2011 and Autumn 2012 Monitoring. Final Report prepared for the North East Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 15/2012, June, 68 pp.

- McInerney P and Hawking J (2012) Murray River Macroinvertebrate Monitoring Program: Summer 2011 Progress Report. Progress Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 8/2012, April, 11pp.
- McInerney P and Hawking J (2012) **Final**. Murray River Macroinvertebrate Monitoring Program: 2011 Annual Report. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 21/2012, August, 66pp.
- McInerney P and Hawking J (2012) Murray River Macroinvertebrate Monitoring Program: Winter 2012 Progress Report. Progress Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 29/2012, October, 11pp.
- Nielsen DL and Vogel M (2012) **Final** Broken River Restoration Project. Final Report prepared for the Goulburn-Broken Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 07/2012, May, 18pp.
- Nielsen D, Gawne B and Wheaton L (2012) **Final**. Review Basin-Wide Outcomes. Draft Report prepared for the Commonwealth Environmental Water by The Murray-Darling Freshwater Research Centre, MDFRC Publication 23/2012, September, 15pp.
- Ning N, Cook R, Nielsen D, Gawne B and Petrie R (2012) Ecological resilience in the Murray- Darling Basin 2011-12 Floodplain Response Project (MD2009) Progress Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Progress Report, May 2012, 18pp.
- Ning N, Cook R, Vilizzi L, Gawne B, Nielsen D and Petrie R (2012) Impacts of the 2010/2011 and 2011/2012 flooding events on the structure and function of the Murray Darling Basin rivers. Draft Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 17/2012, June 2012, 135pp.
- Ning N, Cook R, Vilizzi L, Gawne B, Nielsen D and Petrie R (2012) **Final**. Ecological Resilience in the Murray Darling Basin 2011-12 (MD2009): Floodplain Response Project. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 17/2012, July 2012, 135pp.
- Stoffels, R., Linklater, D., Carr, L. (2012) **Final**. Response of the Washpen Creek catfish population to the La Niña flood. Final Report prepared for the Lower Murray-Darling Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 12/2012, June, 27 pp.
- Stoffels R, Linklater D, and Carr L (2012) **Final**. Response of the Washpen Creek catfish population to a flood-induced carp invasion. Final Report prepared for the Lower Murray-Darling Catchment Management Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 12/2012, June, 27 pp.
- Vilizzi L (2012) **Final**. System Understanding Project: Recommendations for Fish Community Assessment. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 11/2012, July, 85pp.
- Whitworth KL and Baldwin DS (2012) **Final**. Blackwater in the southern Murray-Darling Basin during 2012 flood events. Final Report prepared for the Murray-Darling Basin Authority by The Murray-Darling Freshwater Research Centre, MDFRC Publication 16/2012, June, 34pp.

Summer Cadetship Reports

- Willcock R (2012) Pilot Soil Survey. A Summer Cadetship Student report prepared for The Murray-Darling Freshwater Research Centre. [Supervisor: Mark Henderson], February, 25pp.

Conference / Poster Presentations

- Baldwin D (2012) Freshwater habitats of the future. National Climate Change Adaptation Research Facility – The Future of Environmental Flows. University of Canberra Act. 4-5 September 2012.
- Baldwin D (2012) Comparing policy responses to different calamitous water quality events. 5th Annual Water Forum, La Trobe University, Wodonga Vic. 8 November.
- Baldwin D (2012) Comparing the impacts of climate change with river regulation on water quality. Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Bogenhuber D and Linklater D (2012) Monitoring the fish community of the Great Darling Anabranch in the 2010–11 flood. Conference presentation at The Australian Society for Fish Biology and Oceania Chondrichthyan Society Joint Conference and Symposium. Adelaide South Australia. 15-18 July.
- Bunn S, Gawne B, Negus P, Baldwin D and Dowsley K (2012) The National Water Initiative and future aquatic science and policy challenges. Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Campbell C, Healy S and D’Santos P (2012) Value of environmental watering during drought years: wetland vegetation response. Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Croome R, Wheaton L, Henderson B, Oliver R, Vilizzi L, Paul W and McInerney P (2012) Examining 30 years of Phytoplankton Data for the Murray River. National Cynobacterial Conference, Canberra ACT. 30 August.
- Ellis I (2012) Persistence of Spangled perch in the southern Murray-Darling Basin post 2011 flooding. Conference presentation at The Australian Society for Fish Biology and Oceania Chondrichthyan Society Joint Conference and Symposium. Adelaide South Australia. 15-18 July.

- Jasper E W, Nielsen D, Ning N and Lawler S (2012) Increasing temperature during the dry-phase decreases germination of aquatic plants and emergence of zooplankton during the wet-phase in wetlands. Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Hawking J (2012) Preliminary Guide to Larvae of the Aquatic Moths from Australia (Lepidoptera: Crambidae: Acentropinae.) Taxonomy Research & Information Network (TRIN), La Trobe University Taxonomic Workshop, Wodonga Victoria. 31 January to 1 February.
- Gawne B (2012) Predicting ecological responses to environmental flows. Source 2012, Canberra ACT, 30 May.
- Henderson M and Nielsen D (2012) Is there a tipping point for floodplain Eucalypts? Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Kavanagh M (2012) "Hi. My name is Murray; Murray Hardyhead." A novel approach to increasing community awareness about threatened species management. Conference presentation at The Australian Society for Fish Biology and Oceania Chondrichthyan Society Joint Conference and Symposium. Adelaide South Australia. 15-18 July.
- Linklater D, Carr L, Bogenhuber D and Ellis I (2012) Use of off channel lower ephemeral lakes in the Great Darling Anabranch system. Conference presentation at The Australian Society for Fish Biology and Oceania Chondrichthyan Society Joint Conference and Symposium. Adelaide South Australia. 15-18 July.
- Nielsen D (2012) promoting connectivity fuels food webs downstream of floodplain forests. 15th International Riversymposium, Melbourne Victoria, 8-11 October.
- Ning N, Gawne B, Cook R, Nielsen D and Petrie R (2012) Zooplankton dynamics in response to the transition from drought to flooding in four Murray-Darling rivers affected by differing levels of flow regulation. Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Stoffels R (2012) Restoring floodplain connectivity – better biodiversity outcomes from longer reconnection events. 15th International Riversymposium, Melbourne Victoria, 8-11 October.
- Stoffels R (2012) Where have all the fish gone? Australian Centre for Ecological Analysis and Synthesis (ACEAS), Brisbane QLD. 12-15 November.
- Stoffels R (2012) Population dynamic response of catfish to flooding: short-term pain, long-term gain? Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.
- Willcock R (2012) Pilot Soil Survey. A Summer Cadetship Student seminar. Mildura, Victoria. 11 February.
- Wood D (2012) Fish community response to flooding at Lindsay-Mulcra-Wallpolla Islands, North-West Victoria. Conference presentation at The Australian Society for Fish Biology and Oceania Chondrichthyan Society Joint Conference and Symposium. Adelaide South Australia. 15-18 July.
- Zukowski S, McCarthy B and Whiterod N (2012) Effects of a prolonged hypoxic blackwater event on Murray crayfish (*Euastacus armatus*) populations in the River Murray, Australia. Australian Society for Limnology 51st Annual Congress, University of New England, Armidale, NSW. 26-29 November.

Theses

- Harris CW (2012) Dissolved organic nitrogen in the Ovens River. Honours thesis. Department of Environmental Management and Ecology, La Trobe University, Wodonga, Victoria. October, 90pp. [Supervisors: Dr Ewen Sylvester and Dr Gavin Rees].
- Jasper E (2012) The effect of soil temperature alterations on zooplankton egg bank and aquatic plant seed bank communities in wetlands. Honours thesis. Department of Environmental Management and Ecology, La Trobe University, Wodonga, Victoria. May, 72pp. [Supervisors: Dr Susan Lawler and Dr Daryl Nielsen].
- Karis T (2012) Response of an alpine peatland to a storm event. Honours thesis. Department of Environmental Management and Ecology, La Trobe University, Wodonga, Victoria. June, 60pp. [Supervisors: Dr Ewen Silvester and Dr Gavin Rees].

Lectures

- Baldwin D (2012) Biogeochemistry. Lecture to Charles Sturt University 3rd year students, Thurgoona NSW. 7 March.
- Baldwin D (2012) Carbon Cycling. Lecture to La Trobe University 2nd year students, Wodonga Victoria. 18 and 19 April.
- Nielsen D (2012) Ecology of Wetland & Riverine Microfauna. Lecture to Charles Sturt University 3rd year students, Thurgoona NSW. 14 March.
- Nielsen D (2012) Zooplankton. Lecture to La Trobe University 2nd year students, Wodonga Victoria. 9-10 May.
- Rees G (2012) Microbiology of activated sludge. Lecture to La Trobe University 3rd year students. Wodonga, Victoria. 27 March.
- Rees G (2012) Microbiology. Lecture to La Trobe University 2nd year students, Wodonga Victoria. 25-26 April.
- Stoffels R (2012) Fish Ecology. Lecture to La Trobe University 2nd year students, Wodonga Victoria. 23-24 May.

Seminar Presentations

- Adams J (2012) Peatland vegetation diversity, status and impacts of anthropogenic factors. Honours Seminar, Charles Sturt University, Thurgoona NSW. 25 July.
- Baldwin D (2012) Biochemical processes and functions. Goulburn Murray Landcare Floodplain Ecology Course, Shepparton Victoria. 15 October .
- Baldwin D (2012) Future freshwater habitats. Presentation at The National Climate Change Adaption Research Facility, The Future of Environmental Flows, Canberra ACT. 4-5 September .

- Bogenhuber D and Campbell CJ (2012) Darling Anabranch Adaptive Management Plan: understorey vegetation update. Presentation to the Murray Lower Darling Environmental Water Advisory Group Meeting #7, Buronga, NSW, 23rd May 2012.
- Baldwin D (2012) What can a decade of drought tell us about our rivers? Guest speaker at the Rutherglen Landcare Annual meeting, Rutherglen, Victoria. 14 April 2012.
- Butler J (2012) Changes in community structure and function of biofilm along Broken Creek. Preliminary Honours Seminar, La Trobe University, Wodonga Victoria. 7 September.
- Ellis I (2012) Electrofishing and fish surveys in Mallee waterways. Mildura Series 1 Friday Afternoon Talk, La Trobe University, Mildura Victoria. 24 February.
- Ellis I (2012) Sandilong Creek Carp Removal. Presentation to Mallee Catchment Management Authority – Technical Advisory Committee. Mildura Victoria. 25 October.
- Ellis I (2012) Kings Billabong Fish and Aquatic Vegetation Monitoring. Presentation to the Friends of Kings Billabong. Mildura Victoria. 9 October.
- Campbell CJ, Healy S, and D’Santos P (2012). Value of environmental watering during drought years: wetland vegetation response. Presentation to the Murray Lower Darling Environmental Water Advisory Group Meeting #7, Buronga, NSW, 23rd May 2012.
- Gawne B (2012) The Murray-Darling Freshwater Research Centre April 2012. Presentation to Chinese Education Delegation visitors, Wodonga Victoria. 24 April.
- Gawne B, Cook R, Ning N, Vilizzi L, Nielsen D and Petrie R (2012) Effects of 2010/2011 and 2011/2012 floods. Floodplain Response Project 2011-2012. A seminar presented to the Murray-Darling Basin Authority, Canberra ACT. 17 July.
- Gawne B (2012) When to water? The challenge of implementing the Basin Plan. Guest Speaker – Murray Darling Association Region One Meeting, Wodonga Victoria. 30 November.
- Gawne B and Lawler S (2012) Teaching outcomes for a subject in Advanced Freshwater Biology. MDFRC / DEME Seminar Series, La Trobe University Wodonga Victoria. 19 April.
- Harris C (2012) Bioavailability of organic nitrogen in the Ovens River. Preliminary Honours seminar. La Trobe University, Wodonga. 24 February.
- Harris C (2012) Studies of dissolved organic nitrogen in the Ovens River. Final Honours Presentation. La Trobe University, Wodonga Victoria. 5 October.
- Hawking J (2012) Is it reasonable to classify our Mighty Murray River as an Endangered Ecological Community? Presentation to the University of Third Age, Wodonga Victoria. 14 September.
- Jasper E (2012) Predicating the impacts of climate change on zooplankton and aquatic plant communities developing from wetland egg banks. La Trobe University Honours final presentation, La Trobe University Wodonga. 27 April.
- Karis T (2012) Response of an Alpine peatland to a storm event. Final presentation seminar for Honours project, La Trobe University, Wodonga. 8 June.
- Nielsen D (2012) Egg and seedbank responses to wetting and drying. Goulburn Murray Landcare Floodplain Ecology Course, Shepparton Victoria. 15 October
- Nielsen D (2012) Salinity and Climate Change. Goulburn Murray Landcare Floodplain Ecology Course, Shepparton Victoria. 15 October .
- Petrie R (2012) MDFRC Rotary Programs: A NRM pathway to tertiary education. The Murray-Darling Basin Natural Resource Management Education Show and Tell, Canberra ACTS. 9 October.
- Rees G (2012) Fish deaths, Azolla and water quality: History and future prospects for the Broken Creek. Murray-Darling Basin Seminar Series, La Trobe University, Wodonga Victoria. 9 August.
- Smith S (2012) Distribution of the fish community across the Ovens River floodplains: Is the Highway Analogy appropriate for the Murray-Darling Basin? Preliminary Honours Seminar, La Trobe University, Wodonga Victoria. 7 September.
- Smith L (2012) The online Bug Guide. The Murray-Darling Basin Natural Resource Management Education Show and Tell, Canberra ACT. 9 October .
- Stoffels R (2012) Restoring river-floodplain fish communities; how should we connect the floodplain with the river? MDFRC / DEME Seminar Series, La Trobe University Wodonga Victoria. 3 May.
- Stoffels R (2012) How should we allocate water to floodplain wetlands? Flows and the viability of river-floodplain fish communities. Murray-Darling Basin Authority Seminar Series, Canberra ACT. 7 November.
- Whitworth K (2012) Blackwater events. Presentation at North Central Catchment Management Authority Gunbower Forest Community Reference Group Meeting #3, Cohuna NSW. 30 August.

Fact Sheets | Discussion Papers | Information Sheets

- MDFRC (2012) Freshwater Ecological Research Mildura March 2012. Fact Sheet. Version 1, March 2012.
- MDFRC (2012) Briefing Note Professor John Dewar Albury-Wodonga Visit 22 March 2012.
- MDFRC (2012) Educational Resource Dytiscidae ‘Diving Beetle’
- MDFRC (2012) Educational Resource Notonectidae ‘Backswimmer’
- MDFRC (2012) Educational Resource Leptoceridae ‘Long Horned Caddis’
- MDFRC (2012) Educational Resource Gomphidae ‘Clubtail Dragonfly’
- MDFRC (2012) Educational Resource Atyidae ‘Shrimp’

MDFRC (2012) Educational Resource Corixidae 'Water Boatmen'
MDFRC (2012) Fact Sheet – Red water fern (Azolla) Tronoh Dedge Harrierville, November.

Other

Baldwin DS (2012) Action Support tool for managing sulfidic sediments (acid sulfate soils) in inland waterways. Wetlands Australia September 2012. Issue No. 12. (pages 28-29).

Beesley L, King A, Koehn J, Price A, Gawne B and Nielsen D (2012) Optimising environmental watering of wetlands to benefit native fish. Wetlands Australia September 2012. Issue No. 12. (pages 17-18).

Bogenhuber D (2012) From dry to DAAMMP – restoring an ephemeral system. Wetlands Australia September 2012. Issue No. 12. (pages 42-43).

Campbell C (2012) Rewetting: Response of arid floodplain wetlands following extensive drought. Wetlands Australia September 2012. Issue No. 12. (Pages 5-6).

MDFRC (2012) Internal Newsletter – Ripples #1 February, 4pp.

MDFRC (2012) Internal Newsletter – Ripples #2 March, 5pp.

MDFRC (2012) Internal Newsletter – Ripples #3 April, 3pp.

MDFRC (2012) Internal Newsletter – Ripples #4 May, 4pp.

MDFRC (2012) Internal Newsletter – Ripples #5 June, 4pp.

MDFRC (2012) Internal Newsletter – Ripples #6 July, 4pp.

MDFRC (2012) Internal Newsletter – Ripples #7. August, 3pp.

MDFRC (2012) Internal Newsletter – Ripples #8 November, 4pp.

MDFRC (2012) Internal Newsletter – Ripples #9 December, 4pp.

The Australian River Restoration Centre, RipRap (2012) Commissioning water for fish. Edition 34, August. Pages 34-35.

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