



Publications 2017

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Refereed Journal Articles (published)

- Allen-Ankins S, Stoffels RJ (2017) Contrasting fundamental and realized niches: two fishes with similar thermal performance curves occupy different thermal habitats. *Freshwater Science* **36** (3): 635-652 DOI: 10.1086/693134.
- Burrows RM, Rutledge H, Bond NR, Eberhard SM, Auhl A, Andersen MS, Valdez DG, Kennard MJ (2017) High rates of organic carbon processing in the hyporheic zone of intermittent streams. *Nature Research Scientific Reports* **7**: 13198 DOI:10.1038/s41598-017-12957-5
- Carew ME, Nichols SJ, Batovskam J, St Clair R, Murphy NP, Blacket MJ, Shackleton ME (2017) A DNA barcode database of Australia's freshwater macroinvertebrate fauna. *Marine and Freshwater Research* **68**: 1788-1802 <https://doi.org/10.1071/MF16304>
- Dabrowski J, Baldwin DS, Dabrowski JM, Hill L, Shadung (2017) Impact of temporary desiccation on mobility of nutrients and metals from sediments of Loskop Reservoir, Olifants River. *Water SA* **Vol.43** No. 1 <http://dx.doi.org/10.4314/wsa.v43i1.02>
- Deane DC, Nichol JM, Gehrig SL, Harding C, Aldridge KT, Goodman AM, Brookes JD (2017) Hydrological-niche models predict water plant functional group distributions in diverse wetland types. *Ecological Applications* **27** (4) 1351-1364
- Freestone FL, Brown P, Campbell CJ, Wood DB, Nielsen DL, Henderson MW (2017) Return of the lignum dead: Resilience of an arid floodplain shrub to drought. *Journal of Arid Environments* **138** 9-17 <http://dx.doi.org/10.1016/j.jaridenv.2016.11.011>
- Goldrick S, Holmes W, Bond N, Lewis G, Kuiper M, Turner R, Farid SS (2017) Advanced Multivariate Data Analysis to Determine the Root Cause of Trisulfide Bond Formation in a Novel Antibody–Peptide. *Biotechnology and Bioengineering* **Vol 114**, No10 2222-2234
- Haby NA (2017) Long-term revegetation success of severely degraded chenopod shrublands. *The Rangeland Journal*, **39** 341-354 <https://doi.org/10.1071/RJ17027>
- Harris JH, Kingsford RT, Peirson W, Baumgartner L (2017) Mitigating the effects of barriers to freshwater fish migrations: the Australian experience. *Marine and Freshwater Research* **68**, 614-628 <http://dx.doi.org/10.1071/MF15284>
- Holland A, Wood CM, Smith DS, Correia TG, Val AL (2017) Nickel toxicity to cardinal tetra (*Paracheirodon axerodi*) differs seasonally and among the black, white and clear river waters of the Amazon basin. *Water Research* **123**: 21-29 <https://doi.org/10.1016/j.watres.2017.06.044>
- Karlsbakk E, Kristmundsson Á, Albano M, Brown P, Freeman MA (2017) Redescription and phylogenetic position of *Myxobolus aeglefini* and *Myxobolus platessae* n. comb.(Myxosporea), parasites in the cartilage of some North Atlantic marine fishes, with notes on the phylogeny and classification of the Platysporina. *Parasitology international* **66**, 952-959.
- Kopf KR, Nimmo DG, Humphries P, Baumgartner LJ, Bode, M, Bond NR, Byrom AE, Cucherousset J, Keller RP, King AJ, McGuinness HM, Moyle PB, Olden JD (2017) Confronting the risks of large-scale invasive species control. *Nature Ecology & Evolution*. **Vol 1**, 0172 DOI: 10.1038/s41559-017-0172 | <http://www.nature.com/articles/s41559-017-0172>
- McInerney PJ, Rees GN (2017) Co-invasion hypothesis explains microbial community structure changes in upland streams affected by riparian invader. *Freshwater Science* **36** (2) 297-306 <https://doi.org/10.1086/692068>
- McInerney PJ, Stoffels RJ, Shackleton ME, Davey CD (2017) Flooding drives a macroinvertebrate biomass boom in ephemeral floodplain wetlands. *Freshwater Science*. *Freshwater Science* **36** (4): 726-738 DOI: 10.1086/694905.
- Portinho JL, Nielsen DL, Ning N, Paul W, Nogueira M (2017) Spatial variability of aquatic plant and microfaunal seed and egg bank communities within a forested floodplain system of a temperate Australian river. *Aquatic Sciences* **79** 515-527 <https://doi.org/10.1007/s00027-016-0514-z>
- Robson BJ, Lester RE, Baldwin DS, Bond NR, Drouart R, Rolls RJ, Ryder DS, Thompson R (2017) Modelling food-web mediated effects of hydrological variability and environmental flows. *Water Research*. **124** 108-128

- Rolls RJ, Baldwin DS, Bond NR, Lester RE, Robson BJ, Ryder DS, Thompson RM, Watson GA (2017) A framework for evaluating food-web responses to hydrological manipulations in riverine systems. *Journal of Environmental Management*. Vol 203 Part 1 136-150 <https://doi.org/10.1016/j.jenvman.2017.07.040>
- Stenert C, Wusth R, Pires MM, Friery RF, Nielsen D, Maltchik L (2017) Composition of cladoceran dormant stages in intermittent ponds with different hydroperiod lengths. *Ecological Research* 32:921-930 <https://doi.org/10.1007/s11284-017-1498-4>
- Stoffels RJ, Weatherman KE, Allen-Ankins S (2017) Heat and hypoxia give a global invader, *Gambusia holbrooki*, the edge over a threatened endemic fish on Australian floodplains. *Biological Invasions* 19: 2477-2489
- Tonkin Z, Kearns J, Lyon J, Balcombe S, King A, Bond N (2017) Regional-scale extremes in river discharge and localised spawning stock abundance influence recruitment dynamics of a threatened freshwater fish. *Ecohydrology*. 10:e1842 1-11 <http://dx.doi.org/10.1002/eco.1842>
- Watkins SC, Baldwin DS, Waudby HP, Ning SEMA (2017) Managing rain-filled wetlands for carbon sequestration: a synthesis. *The Rangeland Journal* 39, 145-152 <http://dx.doi.org/10.1071/RJ16077>

Refereed Journal Articles (in press)

- Bond NR, Kennard MJ (2017) Prediction of Hydrological Characteristics for ungauaged catchments to support hydroecological modelling. *Water Resources Research*, 53 . <https://doi.org/10.1002/2017WR021119>
- Coker M.E., Bond N.R., Chee Y.E. & Walsh C.J. (2017) Alternatives to biodiversity offsets for mitigating the effects of urbanization on stream ecosystems. *Conservation Biology* DOI 10.1111/cobi.13057
- Davies P, Lawrence S, Turnbull J, Rutherford I, Grove J, Silvester E, Baldwin D, Macklin M (2017) Reconstruction of historical riverine sediment production on the goldfields of Victoria, Australia. *Anthropocene* DOI:<https://doi.org/10.1016/j.ancene.2017.11.005>
- Deane DC, Harding C, Aldridge KT, Goodman AM, Gehrig SL, Nicol JM and Brookes JD (2017) Predicted risks of groundwater decline in seasonal wetland plant communities depend on basin morphology. *Wetlands Ecology and Management*. DOI 10.1007/s11273-017-9578-3
- Dwyer GK, Stoffels RJ, Rees GN, Shackleton ME, Silvester E (2017) A predicted change in the amino acid landscapes available to freshwater carnivores. *Freshwater Science* <https://doi.org/10.1086/696128>
- Horne AC., Szemis J.M., Webb J.A., Kaur S., Stewardson M.J., Bond N. & Nathan R. (2017) Informing Environmental Water Management Decisions: Using Conditional Probability Networks to Address the Information Needs of Planning and Implementation Cycles. *Environmental Management*, 1-11. DOI 10.1007/s00267-017-0874-8
- Wolfedden BJ, Wassens SM, Jenkins KM, Baldwin DS, Kobayashi T, Maguire J (2017) Adaptive management of return flows: Lessons from a case study in environmental water delivery for a floodplain river. *Environmental Management* <https://doi.org/10.1007/s00267-017-0861-0>
- Yen A, Bilney C, Shackleton M, Lawler S (2017) Current issues involved with the identification and nutritional value of wood grubs consumed by Australian Aborigines. *Insect Science*. <https://doi.org/10.1111/1744-7917.12430>

Book Chapters

- Water for the Environment from Policy and Science to Implementation and Management. Chapter 27 - Moving Forward: The Implementation Challenge for Environmental Water Management. Authors Horne AC, Donnell EL, Acreman M, McClain ME, Poff NL, Webb AJ, Setwardson MJ, Bond NR, Arthington AH, Tharme RE, Garrick DE, Daniell KA, Conallin JC, Thomas GA, Hart BT. Pages 649-673
- Water for the Environment from Policy and Science to Implementation and Management. Chapter 4 - Environmental and Ecological Effects of Flow Alteration in Surface Water Ecosystems. Authors Rolls RJ, Bond NR Pages 65-82
- Lake PS, Bond N, Reich P (2017) Chapter 5.4 Restoration Ecology of Intermittent Rivers and Ephemeral Streams. In *Intermittent Rivers and Ephemeral Streams: Ecology and Management* pp. 509-533
- Rolls R.J. & Bond N. (2017) Environmental and Ecological Effects of Flow Alteration in Surface Water Ecosystems. In: *Water for the Environment From Policy and Science to Implementation and Management*. (Eds A. Horne & A. Webb & M. Stewardson & B. Richter & M. Acreman), pp. 65-82. Academic Press, Cambridge, Massachusetts, United States
- Gippel C, Zhang Y, Qu X, Bond N, Kong W, Leigh C, Catford JA, Speed R, Wei M (2017) Design of a national river health assessment program for China. *Decision Making in Water Resources Policy and Management: An Australian Perspective* (eds B. Hart & J. Doolan). Elsevier Chapter 18, 321-339

Scientific, Technical and Consultancy Reports

- Brown P, Freestone F, Wood D, Lampard B, Gehrig S, Campbell C (2017) The Living Murray Condition Monitoring at Lindsay, Mulcra and Wallpolla Islands 2016–17; Part A – Main Report. Final Report prepared for the Mallee Catchment Management Authority by The Murray–Darling Freshwater Research Centre, MDFRC Publication 162/2017, October, 80 pp.

- Brown P, Wood D, Freestone F, Gehrig S, Campbell C, Lampard B (2017) The Living Murray Condition Monitoring at Hattah Lakes 2016–17 Part A – Main Report. Final Report prepared for the Mallee Catchment Management Authority by The Murray–Darling Freshwater Research Centre, MDFRC Publication 163/2017, October, 79 pp.
- Brooks S (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water – Ecosystem Diversity. Final Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 144/2017, March, 42pp.
- Capon S, Campbell C (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water - Vegetation Diversity. Draft Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 145/2017, April, 87pp.
- Capon S, Chambers J, Barmuta L, Bino G, Bond N, Costelloe J, Davis J, Dyer F, Edgar B, Finlayson M, Grace M, James C, Kefford B, Kennard M, Lake S, Nielsen D, Wallis P and Thompson R (2017) National Climate Change Adaptation Research Plan for Freshwater Ecosystems and Biodiversity: update 2017. National Climate Change Adaptation Research Facility, Gold Coast, 41pp.
- Cresswell I, Baumgartner L, Bond N, Brown P, Chua S, Cooling M, Cuddy S, Hillman T, Kingsford R, Lester R, mallen-Cooper M, McGinness H, Nicol S, Nielsen D, Robson B, Stratford D, Webb A (2017) Scoping the development of a method to assess the relative environmental benefits of Complimentary Measures. A Report to the Murray-Darling Basin Authority. July 2017. 120pp.
- Freestone F, Campbell C, Healy S (2017) The response of lignum to environmental flows at Bottle Bend. Final report prepared for the NSW Office of Environment and Heritage by The Murray–Darling Freshwater Research Centre, MDFRC Publication 154/2017, May, 38pp.
- Freestone F, Lampard B, Brown P, Wood D, Campbell C (2017) The Living Murray condition monitoring at Lindsay, Mulcra and Wallpolla Islands 2016–17; Part B – supplementary material. Final report prepared for the Mallee Catchment Management Authority by The Murray–Darling Freshwater Research Centre, MDFRC Publication 173/2017, October, 104 pp
- Freestone F, Wood D, Lampard B, Brown P, Campbell C (2017) The Living Murray condition monitoring at Hattah Lakes 2016–17; Part B – supplementary material. Final report prepared for the Mallee Catchment Management Authority by The Murray–Darling Freshwater Research Centre, MDFRC Publication 172/2017, October, 73 pp.
- Gawne B, Everingham P, Busuttil R, Williams M, Stoffels R, Capon S, Stewardson M, Grace M, Bond N, Gorman R, Brooks S (2017) Long Term Monitoring Project Annual Forum: Outcomes 2017. Report prepared for the Commonwealth Environmental Water Office by The Murray-Darling Freshwater Research Centre, MDFRC Publication 165/2017, October, 32pp.
- Gawne B, Hale J, Brooks S, Campbell C, Capon S, Everingham P, Grace M, Guarino F, Stoffels R, Stewardson M (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water – Synthesis Report. Final report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 141/2017, October, 47 pp.
- Grace M (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water — Stream Metabolism and Water Quality. Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 143/2017, July, 63pp.
- Hale J (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water – Generic Diversity. Draft Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 147/2017, July, 59pp.
- MDFRC (2017) Murray–Darling Basin Environmental Water Knowledge and Research Project: Multi-Year Research Plan 2016–2019 – Addendum 2017/18. Final Report prepared for the Department of the Environment and Energy by The Murray–Darling Freshwater Research Centre, MDFRC Publication 152/2017, June, 20 pp.
- MDFRC 2017. Murray–Darling Basin Environmental Knowledge and Research Project: Annual Progress Report: July 2016 – June 2017 Final Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 175/2017, August, pp.69.
- Murray–Darling Freshwater Research Centre (2017) Murray Darling Basin Environmental Knowledge and Research Project: Mid-Year Progress Report: July 2015 - December 2015. Final Report prepared for the Department of Environment by The Murray–Darling Freshwater Research Centre, MDFRC Publication 148/2017, February 2017.

- Riddle M, Busuttill R (2017) MDFRC Communication Strategy – Internal use only. Draft Report prepared for the Murray–Darling Freshwater Research Centre by The Murray-Darling Freshwater Research Centre, MDFRC Publication 149/2017, April, 16pp.
- Shackleton M (2017) MDFRC Review of the WWO Pilot Study. Final Report prepared for the name of client by The Murray-Darling Freshwater Research Centre, MDFRC Publication 166/2017, August, 5pp.
- Stewardson MJ, Guarino F (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water — Hydrology. Final Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 142/2017, May, 50pp plus annexes.
- Stoffels RJ, Bond NR, Guarino E (2017) 2015–16 Basin-scale evaluation of Commonwealth environmental water – Fish. Draft Report prepared for the Commonwealth Environmental Water Office by The Murray–Darling Freshwater Research Centre, MDFRC Publication 146/2017, May, 68pp.
- The Murray–Darling Freshwater Research Centre (2017) Murray–Darling Basin Environmental Water Knowledge and Research Project Annual Research Plan 2017–18. Draft Report prepared for the Department of the Environment and Energy by The Murray–Darling Freshwater Research Centre, MDFRC Publication 153/2017, June 2017, 55pp
- Wood D (2017) Murray hardyhead monitoring program 2016–17. Final Report prepared for the Mallee Catchment Management Authority by The Murray–Darling Freshwater Research Centre, MDFRC Publication 155/2017, May, 21 pp.

Thesis

- Allen-Ankins S (2017) Physiological mechanisms underlying fish distributions along elevational gradients: estimating fundamental thermal niches. PhD Thesis La Trobe University [Supervisors Alexei Rowles (LTU) and Rick Stoffels (MDFRC)]
- Davis NS (2017) The effect of waterhole permanency and hydrological connectivity on fish community composition in a dryland river. Honours Thesis. La Trobe University, Department of Ecology, Environment and Evolution. May 2017. 65pp.
- Hatami R (2017) Development of protocols for environmental impact studies using causal modelling, with special reference to wastewater discharges to freshwater systems. PhD Thesis La Trobe University [Supervisors: Warren Paul and John Morgan (LTU) and Michael Shackleton (MDFRC)]
- Kidziak S (2017) The ability of PCR-Based methods and next generation sequencing to detect secondary predation in the gut contents of aquatic, macroinvertebrates. Honours Thesis. La Trobe University, Department of Ecology, Environment and Evolution. May 2017. 54pp.
- Lui X (2017) Applying an interdisciplinary approach to improve understanding of current and future states of inland ephemeral wetlands: an Australian case study. PhD Thesis Charles Sturt University. [Supervisors Max Finlayson (Charles Sturt University), Daryl Nielsen (MDFRC)]
- McInerney P (2017) Effects of invasive willows (*Salix* spp.) on stream ecosystem dynamics. PhD Thesis La Trobe University [Supervisors: Phil Suter (La Trobe University), Ben Gawne (MDFRC) and Gavin Rees (MDFRC)]
- O'Dwyer J (2017) Stress tolerance losses from stabilising selection in a salt lake organism. Honours Thesis. La Trobe University, Department of Ecology, Environment and Evolution. October 2017. 52pp.
- Rohlf AM (2016) Rehabilitating the Snowy River: The influence of environmental flow releases on dissolved organic carbon supply and utilisation. PhD Thesis University of Technology Sydney. [Supervisors Simon Mitrovic (University of Technology Sydney) and Gavin Rees (MDFRC/ CSIRO)]

Lectures

- Durant R (2017) Aquatic Plants. Lecture for 3rd year River and Floodplain ecology students. Charles Sturt University, Thurgoona, NSW. 4 April
- Durant R (2018) Aquatic Plants. Lecture for 3rd year River and Floodplain ecology students. Charles Sturt University, Thurgoona, NSW. 3 April

Summer Cadetship Student Reports

- Dunn M, Baldwin D, McGinness H (2017). Ibis nestling energy requirements Draft Report prepared by The Murray-Darling Freshwater Research Centre, MDFRC Publication 2017, February.
- Galanakis A (2017) Predicting the ability of aquatic and riparian plants to disperse. Final Report prepared for a Summer Cadetship Project, The Murray–Darling Freshwater Research Centre, MDFRC Publication 150/2017, February, 11 pp. Not for distribution for internal use only
- O'Keefe Rebecca (2017). Habitat selection by the Southern Pygmy Perch in the presence or absence of Redfin Perch Final Report prepared by The Murray-Darling Freshwater Research Centre, MDFRC Publication 161/2017, February, 29pp. Not for distribution for internal use only

Talarico J (2017) The Effect of Freshwater Seed Morphology on Dispersal and Establishment in the Murray–Darling Basin. Final Report prepared by The Murray–Darling Freshwater Research Centre, MDFRC Publication 151/2017, February, 17pp Not for distribution for internal use only

Conference, Seminar and Other Presentations

- Bond N (2017) Informing conservation of river ecosystems in the face of hydroelectric power development in Peru. La Trobe University Research Week, Wodonga Victoria. 28 August
- Bond N (2017) Murray-Darling Basin Environmental Water Knowledge & Research Project. Seminar Series at Department of Environment, Land, Water & Planning. Melbourne Victoria. 27 November
- Bond N (2017) Long Term Intervention Monitoring Project. Seminar Series at Department of Environment, Land, Water & Planning. Melbourne Victoria. 27 November
- Bond N, Brooks S, Capon S, Hale J, Stewardson M, Stoffels R, Guarino W, Grace M, Gawne B, Everingham P (2017) LTIM Basin Scale outcomes summary 2015/2016. Presentation to the Commonwealth Environmental Water Office. Canberra ACT. 29 November
- Bond N, Thomson J, Yen J, Kopf K, Nielsen D, McCasker NG, Humphries P, Morrongiello J, Koehn JD, Crook D, Reich P, Kennard M, Butler GL (2017) Quantifying the effects of altered hydrology and food-web structure on ecosystem carrying capacity in a floodplain river - Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- Bond N, Schirmer J (2017) Assessing and addressing the socio-economic effects of water reform in the Murray-Darling Basin. 2017 Mann Lecture, La Trobe University Albury-Wodonga. 18 October
- Brown P (2017) Making the Darling Anabranch 'Great' again. La Trobe University Research Week, Mildura Victoria.
- Brown P (2017) Carp control research from rusty hooks to silver-bullets. Sunraysia Riverwatch AGM. Riverqueen, Mildura Victoria. 1 November
- Brown P (2017) The role of commercial fishing in managing invasive carp: Can't we just catch and eat them all? Research Seminar, La Trobe University Mildura Victoria. 30 November
- Campbell C (2017) Vegetation outcomes of flow regimes across the Murray-Darling Basin: consideration of scale and level of organisation. La Trobe University EEE Seminar Series. Bundoora Victoria. 10 May
- Campbell C (2017) Making a big splash: Informing environmental flow management at the Basin-scale. La Trobe University Mildura Research Seminar Series. La Trobe University, Mildura Victoria. 28 February
- Davis N (2017) The effect of waterhole permanency and hydrological connectivity on fish community composition in a dryland river. Final Honours Seminar Department of Ecology, Environment and Evolution, La Trobe University, Wodonga, Victoria. 7 July
- Dunn M (2017) Ibis nestling ebery requirements. A Summer Industry Cadetship Seminar. La Trobe University, Wodonga Victoria. 10 February
- Durant R (2017) Seed dispersal from the Murray River to Floodplain Wetlands via temporary pumping infrastructure and regulator structures. Mallee Catchment Management Authority Seminar. Mildura Victoria. 23 May
- Dwyer GK, Stoffels RJ, Rees GN, Shackleton M, Silvester E (2017) A predicted change in the amino acid landscapes available to freshwater carnivores - Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- Freestone F, Campbell C (2017) Long term condition monitoring shows improvement in wetland vegetation - Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- Galanakis A (2017) Predicting the ability of aquatic and riparian plants to disperse. A Summer Industry Cadetship Seminar. La Trobe University, Wodonga Victoria. 10 February
- Gawne B (2017) Challenges associated with the adaptive management of environmental flows in the MDB- Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- Gawne B, Watts H, Davison J (2017) Incorporating Research into the adaptive management of environmental flows 20th International River Symposium, Brisbane QLD 17-20 September
- Gehrig S (2017) Flows, floodplains and functions. La Trobe University EEE Seminar Series. Bundoora Victoria. 10 May
- Gehrig S (2017) Watering floodplains in the absence of flooding. La Trobe University, Mildura Victoria. 25 July
- Haby NA (2017) Long-term revegetation success of severely degraded chenopod shrublands. Lightning Presentation, Australian Rangelands Society, Port Augusta, SA. 25-28 September
- Haby NA, Oag D, Stringer J (2017) Estimating an economic incentive to balance commercial grazing with tree growth and carbon storage on arid river floodplains. Poster Presentation, Australian Rangelands Society, Port Augusta, SA. 25-28 September
- Hatami R (2017) Development protocols for environmental impact studies using causal modelling, with special reference to wastewater discharges to freshwater systems. Final Seminar PhD. La Trobe University, Wodonga. 8 June
- Holland A (2017) Dissolved organic quality in Australian Freshwater and its effect on metal toxicity. La Trobe University Research Week, Wodonga Victoria. 28 August

- Holland A (2017) the role of natural organic matter in environmental toxicology and chemistry. Society for Environmental Toxicology and Chemistry (SETAC) Australasia Conference. Gold Coast, Queensland. 4-6 September
- Holland A (2017) Dissolved organic carbon composition differs between different Australian freshwaters and climate regions. Society for Environmental Toxicology and Chemistry (SETAC) Australasia Conference. Gold Coast, Queensland. 4-6 September
- Holland A, Stauber J, Macousta G, Jolley D (2017) Dissolved organic carbon composition differs between circumneutral and naturally acidic waters and climatic regions - Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- Kidziak S (2017) Secondary predation: Who eats who? Final Honours Seminar Department of Ecology, Environment and Evolution, La Trobe University, Wodonga, Victoria. June
- McInerney P (2017) Importance of ephemeral wetlands. Brolga round table. Berrigan Hall Victoria. 13 October 2017
- McInerney PJ, Stoffels RJ, Shackleton ME, Davey CD (2017) Flooding drives macroinvertebrate biomass boom in ephemeral floodplain wetlands - Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- Nielsen D (2017) Seed bank & dynamics in response to environmental watering. La Trobe University EEE Seminar Series. Bundoora Victoria. 10 May
- Nielsen D (2017) Vegetation. North East Catchment Management Authority, Brolga Round Table event. Berrigan Soldiers Memorial Hall, Corowa, NSW. 13 October
- Nielsen D (2017) MDBA - MDFRC Collaboration Project. Seminar Series at Department of Environment, Land, Water & Planning. Melbourne Victoria. 27 November
- Nielsen D (2017) Vegetation. Floodplain Ecology Course. Goulburn Murray Landcare Network. Shepparton Victoria. 10 October.
- Nielsen D (2017) Managing Wetlands for biodiversity. Brolga round table. Berrigan Hall Victoria. 13 October 2017
- Nielsen D, Durant R (2017) Infrastructure modifies movement patterns of seeds drifting in lowland rivers - Australian Society for Limnology, University of Technology Sydney, Sydney NSW 24-29 September
- O'Dwyer J (2017) the impact of habitat stability and instability on stress tolerance in populations of *Coxiella striata* in Western Victorian Salt lakes. Honours Introductory Seminar. La Trobe University, Bundoora Victoria. 10 March
- O'Dwyer J (2017) Stress tolerance losses from stabilising selection in a salt lake organism. Final honours seminar. Wodonga Victoria. 14 December
- Rees G (2017) Fish deaths, Azolla and water quality: History and prospects for the Broken Creek. Seminar presentation to the International River Management Course tour. La Trobe University Wodonga, 6 July
- Rees G (2017) Life on the rocks and logs in rivers: its key to the river's ecology. La Trobe University Research Week, Wodonga Victoria. 28 August
- Rees GN, Harris C, Silvester E, Pengelly J, Barlow K (2017) Nitrogen budgets in rivers: proteins can make an important, but varied contribution to dissolved organic nitrogen. 5th Biennial Symposium of the International Society for River Science. Hamilton, New Zealand. 19-24 November
- Rees GN, Stoffels R, Shackleton M, McInerney P, Nielsen D, Dwyer G (2017) Native fish: are they getting the nutrition they need? Murray Darling Basin Authority Seminar Series. Canberra ACT. 24 May
- Silvester E (2017) The Murray-Darling Freshwater Research Centre. La Trobe University Research Week, Bundoora Victoria. 1 September
- Shackleton M (2017) DNA Barcoding Australia's Macroinvertebrate Fauna. La Trobe University Research Week, Wodonga Victoria. 28 August
- Stoffels R (2017) Facilitating riverine management decisions through an understanding of the fundamental niches of animals. EEE Seminar Series, La Trobe University Bundoora Victoria. 13 September
- Stoffels R, Allen-Ankins S, Weatherman K, Bond N (2017) Predicting the biodiversity consequences of altered thermal regimes in rivers: the need to understand fundamental thermal niches. 5th Biennial Symposium of the International Society for River Science. Hamilton, New Zealand. 19-24 November
- Stoffels R, Bond N (2017) Mapping environmental flow objectives to spatial and temporal scales of response 5th Biennial Symposium of the International Society for River Science. Hamilton, New Zealand. 19-24 November
- Talarico J (2017) The Effect of Freshwater Seed Morphology on Dispersal and Establishment in the Murray-Darling Basin. A Summer Industry Cadetship Seminar. La Trobe University, Mildura Victoria. 10 February

Fact Sheets | Discussion Papers | Information Sheets

- MDFRC (2017) Murray-Darling Basin Environmental Water Knowledge and Research (MDB EWKR) Project - Overview Fact Sheet #1 (December 2016)

MDFRC (2017) Murray-Darling Basin Environmental Water Knowledge and Research (MDB EWKR) Project - Theme Overview Fact Sheet #2 (December 2016) <http://www.mdfr.org.au/projects/ewkr/useful-links/images/465-EWKR-Fact-Sheet-5-201216.pdf>

MDFRC (2017) Murray-Darling Basin Environmental Water Knowledge and Research (MDB EWKR) Project - Vegetation Theme Work Summary Fact Sheet #6 (December 2016)

MDFRC (2017) Murray-Darling Basin Environmental Water Knowledge and Research (MDB EWKR) Project - Foodweb theme Work Summary Fact Sheet #8 (February 2017)

MDFRC (2017) Murray-Darling Basin Environmental Water Knowledge and Research (MDB EWKR) Project - Waterbird Theme Background and Work Program Fact Sheet #7 (December 2016)

MDFRC (2017) Murray-Darling Basin Environmental Water Knowledge and Research (MDB EWKR) Project - Fish Theme Project Update Fact Sheet #9 (February 2017)

Fact Sheet - A profile of the darling River system - life in the landscape - Pictures by Paul Brown - <http://www.environment.nsw.gov.au/resources/environmentalwater/factsheet-darling-river-170198.pdf>

Newsletters

MDFRC (2017) The Murray-Darling Freshwater Research Centre e-newsletter. Edition 2 September.

MDFRC (2017) The Murray-Darling Freshwater Research Centre e-newsletter. Edition 3 December.

Wetlands Australia, Commonwealth of Australia 2017. Protecting Hattah Lakes during drought and beyond. PP49-50

Fisheries Research & Development Corporation FRDC (2017) FISH magazine. 'Fish hotels' help river residents to reconnect. Page 31. March 2017

ARRC (2017) eNewsletter - Spot the scientist! Veg surveys underway in the Murray-Darling Basin in challenging conditions. Posted 12 May 2017