

# The Murray-Darling Freshwater Research Centre

## Research Portfolio | 2016



The Murray-Darling Freshwater Research is a Joint Venture between CSIRO and La Trobe University. The core business of the MDFRC is the generation of new scientific knowledge to support effective management of the Basin's ecology. This knowledge is generated through long-term strategic research, short-term tactical research, synthesis of the best available science, monitoring and evaluation and knowledge exchange activities to promote adoption and active involvement in the management of the freshwater assets of the Basin.

Project	Client	Year	MDFRC Contact
A risk analysis of minimum flow specifications of the Upper Ovens River water supply protection area thermal stress – Ref no: 676	North East Catchment Management Authority	2016 – current	Rick Stoffels
Correlating optical and redox properties of dissolved organic carbon for the rapid measurement of DOC biodegradability – Ref no: 632	La Trobe University	2015 – 2016	Darren Baldwin
Cowana Billabong Ecological Response to improved Management Practices – Ref no: 659	Mallee Catchment Management Authority	2016	Scott Huntley
Cultural Science in Management of Ramsar Sites – Ref no: 652	Council on Australia Latin America Relations/Dept of Foreign Affairs and Trade	2015 – 2016	Paul Brown
Cultural Science research project – Ref no: 646.2	BMEET	2015 – current	Susan Gehrig
DAAMMP 2014 – 2017 – Ref no: 618	NSW Office of Environment & Heritage	2014 – current	Rick Stoffels
Determine the persistence of Winged Peppergrass ( <i>Lepidium monoplacoides</i> ) populations at Hattah Lakes – Ref no: 656	North Central CMA / DELWP	2015 – 2016	Fiona Freestone
Do consecutive watering events improve lignum condition and response to environmental water? – Ref no: 663	NSW Office of Environment & Heritage	2016 – current	Cherie Campbell
Do consecutive watering events improve lignum condition and response to environmental water? – Ref no: 663.2	NSW Office of Environment & Heritage	2016 -	Cherie Campbell
How do macrophytes affect pygmy perch populations? – Ref no: 644	Murray Local Land Services	2015 – 2016	Amina Price
Influence of pumping on seed dispersal – Ref no: 665	NSW Office of Environment & Heritage	2016	Daryl Nielsen

Lake Elizabeth Zooplankton Analysis – Ref no: 664	Department of Environment, Land, Water & Planning	2016	Rochelle Petrie
Lateral fish movement at the Hattah Lakes icon site – Ref no: 651	Mallee Catchment Management Authority	2015 – 2016	David Wood
Literature review of stressors in the Wangaratta trade waste discharge – Ref no: 669	North East Water	2016	Gavin Rees
MDBA Collaborative Agreement – Ref no: 637	Murray Darling Basin Authority	2014 – current	Daryl Nielson
Measurement of ecological condition in the Condamine River – Ref no: 624	CSIRO Water for Healthy Country	2014 – current	Gavin Rees
Murray Hardy Head Monitoring Program 2016/2017 – Ref no: 674	Mallee Catchment Management Authority	2016 – current	Paul Brown
Murray hardyhead population monitoring – Ref no: 650	Mallee Catchment Management Authority	2015 – 2016	Scott Huntley
Murray Hardyhead. When is absence of evidence really evidence of absence? – Ref no: 655	Mallee Catchment Management Authority/Department of Environment, Land, Water & Planning (DELWP)	2015 – 2016	Paul Brown
Murray-Darling Basin Environmental Water Knowledge and Research Project – Ref no: 465	Department of the Environment	2014 – current	Ben Gawne
Rapid identification of aquatic fauna using next generation – Ref no: 627	La Trobe University	2015 – 2017	Michael Shackleton
Review of phosphorus and nitrogen loads in West Wodonga WWTP discharge and the risk to the Murray River System – Ref no: 671	North East Water	2016	Darren Baldwin
River Murray Biological monitoring – Ref no: 393b	Murray Darling Basin Authority	2015 – current	Paul McInerney
Rivers of Gold: the legacy of historical gold mining for Victoria's rivers – Ref no: 658	Australian Research Council - Discovery	2015 – current	Darren Baldwin
Saving threatened Alpine and Mount Stirling stoneflies – Ref no: 657	Department of Environment, Land, Water & Planning (DELWP)	2015 – 2016	Julia Mynott
Species diversity of the Cardamom mountain fish fauna – Ref no: N/A	La Trobe University RFA - ABC Research Funding Scheme	2016 - current	Michael Shackleton
The Living Murray Condition Monitoring at the Hattah lakes and Lindsay–Wallpolla Islands 16/17 – Ref no: 675	Mallee Catchment Management Authority	2016 – current	Paul Brown
TLM Refinement ( DELWP) – Ref no: 600c	Mallee Catchment Management Authority	2016 – 2017	Paul Brown
TLM The Living Murray 2015-2016 – Ref no: 648	Mallee Catchment Management Authority	2015 – 2016	Paul Brown
Trophic arrangement within Siamese crocodile release sites – Ref no: N/A	La Trobe University RFA - ABC Research Funding Scheme	2016 - current	Paul McInerney
Upper Broken Creek Flows Study – Ref no: 672	Jacobs Group Australia (Goulburn Broken CMA)	2016 – current	Nick Bond
Winged Peppergrass: Hattah Surveys – Ref no: 670	North Central CMA / DELWP	2016	Fiona Freestone

## More Information:

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