

The Murray-Darling Freshwater Research Centre

Research Portfolio | 2015



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 comparison of 2008-2014 River Health Monitoring Surveys (Macroinvertebrate) of the Murray River at Albury – Ref no: 643	Norske Skog Paper Mills (Australia) Ltd	2015	Rob Cook
A rapid bioassessment of the Morwell and Latrobe rivers – Ref no: 642	Jacobs Group Australia	2015	Michael Shackleton
A review of Climate Refuge Science and its application in the Basin – Ref no: 640	Murray-Darling Basin Authority	2015	Daryl Nielson
A risk assessment of delivering environmental water to Cochran and Jimaringle Creeks – Ref no: 636.2	NSW Office of Environment & Heritage	2015	Darren Baldwin
Butlers Creek Drawdown fish movement assessment Winter 2014 – Ref no: 602	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
CEWO LTIM Stage 2 – Ref no: 499	Department of the Environment	2014 – current	Ben Gawne
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
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 Gehrige
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
Development of fish passage technology Mekong & Murray-Darling – Ref no: 497	NSW Department of Primary Industries	2013 - 2015	Lee Baumgartner

Enhancing DNA bar coding tools – Ref no: 484	Murray Darling Basin Authority	2013 - 2015	Gavin Rees
Fish Movement at Gunbower – Ref no: 473	CPS Environmental Research	2013 - 2015	Iain Ellis
Fish Spawning at Gunbower – Ref no: 472	CPS Environmental Research	2013 - 2015	Iain Ellis
Fletchers Lake management plan – Ref no: 606	BMEET - Dept of the Environment	2014 – 2015	Deb Bogenhuber
How do macrophytes affect pygmy perch populations? – Ref no: 644	Murray Local Land Services	2015 – 2016	Amina Price
Jimaringle and Cockran Creeks Risk Assessment - Stage 1 Sampling and initial chemical analysis – Ref no: 636	NSW Office of Environment & Heritage	2015	Darren Baldwin
Lake Cowal Foundation – Ref no: 521	Lake Cowal Foundation Limited	2012 – 2015	Daryl Nielson
Lake Hume and Mulwala Management Plan – Ref no: 619	SKM - Jacobs Group (Australia) Pty Ltd	2014 – 2015	Daryl Nielson
Lateral fish movement at the Hattah Lakes icon site – Ref no: 651	Mallee Catchment Management Authority	2015 – 2016	David Wood
Living Murray Monitoring 2014-15 – Ref no: 498	Mallee Catchment Management Authority	2014 – 2015	Mark Henderson
Lower Darling Fish Habitat Rehabilitation Project – Ref no: 635	BMEET	2015	Deb Bogenhuber
Lower Darling River Murray Cod spawning – Ref no: 615	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
Macroinvertebrate and sediment baseline survey of the Murray River, Albury – Ref no: 616	Norske Skog Paper Mills (Australia) Ltd	2014 – 2015	Paul McInerney
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
Mid Goulburn River flow study – Ref no: 488	Peter Cottingham and Associates	2013 - 2015	Paul Brown
Mildura South Wetlands Flora Information sign – Ref no: 628	Mildura Rural City Council	2015	Fiona Freestone
Moirra Grass Seedbank Study – Ref no: 605	Goulburn Broken CMA	2014 – 2015	Daryl Nielson
Monitoring ecological and cultural response to environmental watering in the Carrs, Capitts and Bunberoo Creek system NSW – Ref no: 645	Murray Darling Wetlands Working Group	2015	Deb Bogenhuber
Monitoring the effects of Willows Removal – Ref no: 474	North East Catchment Management Authority	2013 - 2015	Paul McInerney
Movement of large bodied fish in response to hydraulic management at the Hattah Lakes – Ref no: 603	Mallee Catchment Management Authority	2014 – 2015	Paul Brown
Mulcra fish movement spring 2014 – Ref no: 607	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
Murray Hardy Head Monitoring 2014-15 – Ref no: 620	Mallee Catchment Management Authority	2014 – 2015	Iain Ellis
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 River Fishway Assessments – Ref no: 496	NSW Department of Primary Industries	2013 - 2015	Lee Baumgartner
Murray-Darling Basin Environmental Water Knowledge and Research Project – Ref no: 465	Department of the Environment	2014 – current	Ben Gawne
Offset monitoring and reporting at Hattah Lakes & Mulcra Island – Ref no: 633	Mallee Catchment Management Authority	2015	Fiona Freestone
Psyche discharge : River and lagoon monitoring – Ref no: 641	Mallee Catchment Management Authority	2015	Iain Ellis
Quantifying impacts of improved fish passage in Lao PDR – Ref no: 497.2	ACIAR	2015	Lee Baumgartner
Rapid identification of aquatic fauna using next generation – Ref no: 627	La Trobe University	2015 – 2017	Michael Shackleton
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
Sandilong Catfish – Ref no: 623	Mallee Catchment Management Authority	2015	Iain Ellis

Saving threatened Alpine and Mount Stirling stoneflies – Ref no: 657	Department of Environment, Land, Water & Planning (DELWP)	2015 – 2016	Julia Mynott
Theogoa Lagoon Lateral Movement - Carp Removal – Ref no: 460	Murray Local Land Services	2012 – 2014	Iain Ellis
TLM Monitoring System Synthesis Report – Ref no: 467	Murray Darling Basin Authority	2013 – 2015	Darren Baldwin
TLM Refinement (DELWP) – Ref no: 600b	Mallee Catchment Management Authority	2015	Paul Brown
TLM stand condition field data collection at Victoria Icon Sites Autumn – Ref no: 625	Dept. of Environment, Land, Water and Planning	2015	Mark Henderson
TLM The Living Murray 2015-2016 – Ref no: 648	Mallee Catchment Management Authority	2015 – 2016	Paul Brown
Water quality assessments in Gunbower Forest and Gunbower Creek – Ref no: 626	North Central Catchment Management Authority	2015	Darren Baldwin
Wetland Carbon Dynamics – Ref no: 482	Murray Local Land Services	2013 - 2015	Gavin Rees
Will heat and hypoxia in floodplain wetlands give alien mosquitofish the edge over endemic pygmy perch? – Ref no: 639	Goulburn Broken CMA	2015	Rick Stoffels
Zooplankton samples from Lake Elizabeth (Murray Hardyhead food source) – Ref no: 638	North Central Catchment Management Authority	2015	Iain Ellis

More Information:

P: +61 2 6024 9650 | PO Box 821, Wodonga 3689 | 133 McKoy Street, Wodonga 3690

P: +61 3 50514050 | PO Box 4095, Mildura Vic 3502 | 471 Benetook Avenue, Mildura 3500

E: mdfrc@latrobe.edu.au | **W:** www.mdfrc.org.au

