

Nathan Delbridge, Senior Consultant

Overview of expertise

Nathan is an experienced evaluator and analyst with an interdisciplinary skill-set that bridges the physical and applied social sciences. Nathans interest in evaluating complex social and environmental systems builds on his technical scientific background in water resource management. He has experience working with a range of government and non-government organisations to integrate strategic and evaluative thinking in a variety of applications, including on collaborations and partnerships, community development and climate change. His proficiency in a range of social research methods and aptitude with critical analysis is complemented by his engaging writing style and data visualisations.

Qualifications and training

2017	Most Significant Change, Clear Horizon
2016	Complexity Aware Monitoring, Evaluation, Learning and Adaption, Clear Horizon
2014	Master of Environment <i>Integrated Catchment Management</i> (Distinction), The University of Melbourne
2010	Bachelor of Environmental Science (Distinction), RMIT University

Project experience

Design of monitoring and evaluation frameworks

- Golden Plains Shire Council Plan Action Planning and Monitoring and Evaluation Framework (2018). Development of an action plan to support the implementation and evaluation of the Council Plan.
- Moreland City Council Food Systems Strategy Monitoring and Evaluation Framework (2018). An evaluation framework to support the stakeholder collective implement the novel strategy.
- A systems-strengthening approach to the management of pest animals and weeds in Victoria, DEDJTR (2017). Development of a systems focused MERI Framework and Implementation Plan.
- Educational opportunities around perceptions of, and aversions to, vegetables through digital media Project MERI Plan prepared for Edible Adventures supported by Hort. Innovation (2017).
- Independent Broad-based Anti-corruption Commission (IBAC) Monitoring and Evaluation Framework for the Corruption Prevention Strategy (2017).
- Dja Dja Wurrung Clans Aboriginal Corporation, Country Plan 2014-2034 MERI Plan (2017).
- Victorian Equal Opportunities and Human Rights Commission (VEOHRC) Strategic Plan (2017). The co-design of the 2017-22 Strategic Plan, Organisational Program Logic and M&E framework.

Climate change and energy sector evaluations

- Community Sector Climate Resilience Program, Victorian Dept. of Health and Human Services (2017). Evaluation of the activities to build community resilience to climate change.
- Advancing Renewable Program Evaluation, Australian Renewable Energy Agency (ARENA; 2017). Evaluation of the design and delivery of the renewable energy funding program.

- Gas Efficiency Improvement Program Evaluation, NSW Office of Environment and Heritage, (2017). An evaluation of the outcomes and delivery of the energy efficiency program, under the Energy Efficiency Action Plan.
- Comparative Analysis of Regional Delivery, NSW Office of Environment and Heritage (2017). An investigation into the benefits and obstacles associated with different delivery and partnership models for regional programs under the Energy Efficiency Action Plan.
- Split Incentives Co-Design Workshop, NSW Office of Environment and Heritage (2017). Co-design workshop with tenant and landlord sector experts on household energy performance.
- Regional Drought Coordinator Evaluation, DEDJTR (2016). A series of key stakeholder interviews to evaluate the Victorian Government's response to the recent drought by focusing on the Regional Drought Coordinator role.

Strategic evaluations

- Melton Festival for Healthy Living, Djerriwarrh Community and Education Services (2017). An Evaluation Plan for the arts-based activities delivered to enhance mental health.
- Knowledge Strategy Program Review, NSW Office of Environment and Heritage, (2017). An evaluation of the knowledge priority setting process and program outcomes.
- Western Sydney Working Group Program Logic Workshop, NSW Office of Environment and Heritage (2017)
- Evaluation of the regional infrastructure grants project for the Department of Infrastructure and Regional Development (2017)
- Tech Schools Theory of Change workshop, Victorian Government dept. of Education (2016)

Natural resource management sector evaluations

- Riverina Local Land Service, National Landcare Program Evaluation (2018). An evaluation of the outcomes and delivery of the commonwealth funded NRM and community engagement program.
- Grains Research and Development Corporation, Maintaining profitable farming systems with retained stubble (the 'Stubble Initiative') (2018). Monitoring and evaluating the research, development and extension activities targeted at influencing practice changes amongst growers.
- Mid-term evaluation of Vegetable and Potato Industry Communication Programs, Hort. Innovation (2017). Evaluating the communication of levy funded R&D to growers.
- Pastoral Profit, Rural Directions (2016). Impact evaluation of extension services aimed at increasing pastoralist's business management and decision-making.
- RiverMAP Evaluation, Alluvium for EPA (2015). An evaluation of the 4 year EPA and DELWP partnership program, focusing on governance and technical improvements.
- GRDC Research Update Evaluation, Roberts Evaluation (2015). Survey Grains Research Development Corporation conference participants and analyse results.
- Northern Eco-Connections Evaluation, Roberts Evaluation for North Central Catchment Management Authority (2014). Evaluation of the consortium model employed for the Eco-Connections program.
- Monitoring, Evaluation and Reporting training workshops, Roberts Evaluation for Tasmanian Institute of Agriculture (2015)

International work

- Strengthening Pre-Service Teacher Education in Myanmar (STEM), Department of Foreign Affairs and Trade (DFAT) (2017). Evaluation of the program delivered in partnership with UNESCO.

- Project Design and Monitoring & Evaluation (M&E) Services for the Competition Law Implementation Program (CLIP) Phase 2 (2017). ASEAN-Australia-New Zealand Free Trade Area.
- DFAT QISS-ASEAN and Mekong program. Australia Asia Program To Combat Trafficking in Persons (AAPTIP) (2017).

Waterway management sector experience

- Waterway health secondment, Alluvium for DELWP (2016). Providing project and contract management support, and reviewing technical analysis and developing ministerial briefs.
- Water Resource Plans Risk Review, Alluvium for DELWP (2015). Development of the risk register underpinning the water resource plans for the Victorian regions of the Murray-Darling Basin Plan.
- Water Quality Secondment, Alluvium for Melbourne Water (2015). Support Melbourne Water's Blue-Green Algae regional coordination and risk management plans.
- Technical Editing for the National CSG Chemical Assessment. Alluvium for the Commonwealth Office of Water Science (2015). Editing technical scientific documents for the commonwealth government coal seam gas chemical assessment.
- Mapping Engagement on Environmental Watering, Alluvium for Victorian Environmental Water Holder (VEWH; 2015). An investigation of the community engagement that occurs in managing environmental watering.
- Merricks Creek Estuary Investigation, Alluvium for Melbourne Water (2015). An investigation and options assessment to improve the health of the estuary and manage the sulphur dioxide issues.
- Stakeholder engagement on water management planning for recreational uses, Alluvium for DELWP (2015). An investigation how into recreational water needs and benefits are incorporated into water system planning and operations under dry a Climate Change scenario.
- Household survey of condition of rainwater tanks, CSIRO (2013-14). Investigation of the social and physical elements of domestic rainwater tank use in Melbourne including over 400 face-to-face interviews, analysing data and co-authoring publications.
- Water Quality Offsets, the University of Melbourne and Western Water (2013-14). Research to integrate multidisciplinary approaches for implementing environmental offset theory.

Design and complexity

- National Malleefowl Recovery Team (NRMT) (2017). Facilitated design thinking and co-design to creatively explore and develop innovative opportunities to enhance the work of the NMRT.
- C15 Hack, Design Thinking Hackathon for Sustainability, University of Melbourne (2015)
- C14 Hack, Design Thinking Hackathon for Sustainability, University of Melbourne (2014)

Positions held

2015	Analyst, Alluvium Consulting Australia
2014-15	Researcher, Roberts Evaluation
2013-14	Research Assistant, CSIRO

Memberships

- Australasian Evaluation Society

Academic publications

Moglia M., Gan K., Delbridge N. (2016) 'Exploring Methods to Minimize the Risk of Mosquitoes in Rainwater Harvesting Systems' Journal of Hydrology, J. Hydrol. v543, Dec 2016, p324-329

Moglia M., Gan K., Delbridge N., Tjandraatmadja G., Sharma A.K. (2016) 'Investigation of pump and pump switch failures in rainwater harvesting systems'. J. Hydrol. v538, July 2016, p208-215

Arora M., Sengupta A., Delbridge N., Pettigrove V., Feldman D. (2014) 'Environmental Offsets: A Case study for diverse pollutant schemes'. AGU Fall Meeting, San Francisco, USA Dec '14

Delbridge N. (2014). 'Water Quality Offsetting for Sewage Treatment Plant Discharges'. Australian Stream Management Conference, Townsville 2014