

AUSTRALIAN WATER AWARDS



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2019 National Award Finalists

Winners to be announced at Ozwater'19 Gala Dinner, Wednesday 8 May 2019 in Melbourne.

Research Innovation Award

- *Combating Greenhouse Gas Emissions from Wastewater Systems: From Quantification to Implementation*– SA Water and the Advanced Water Management Centre – The University of Queensland (SA)
- *Driving Change from Conservatism to Pragmatism – Better use of Biosolids and Recycled Water by Using Research to Challenge Guidelines* - South East Water (VIC)
- *R2T2 Rapid Response Robot- For the Non-Destructive Inspection and Assessment of Critical Water Mains* - The University of Technology Sydney and Sydney Water (NSW)
- *Self-Regulating Suspended Biogas Collector Technology* – Environmental Engineers International (WA)
- *UGOLD – A Decentralised Technology for the Removal & Recovery of Valuable Nutrients from Source-Separated Urine* – Advanced Water Management Centre, The University of Queensland and Queensland Urban Utilities (QLD)

Program Innovation Award

- *Energy Master Plan* - Sydney Water (NSW)
- *Enhancing Our Dandenong Creek* - Melbourne Water (VIC)
- *Proactive Dirty Water Complaints Management in Adelaide Drinking Water Network* – Allwater, SA Water and SUEZ (SA)
- *Queensland Water Regional Alliance Program (QWRAP)* - Department of Natural Resources, Mines and Energy (QLD)
- *Revitalising Geographe Waterways* – Department of Water and Environmental Regulation (WA)
- *World Water Data Initiative* – Bureau of Meteorology (ACT)



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Infrastructure Project Innovation Award

- *Enhanced Water Demand Forecasting for SA Water Using Machine Learning* – Stantec and SA Water (SA)
- *Green Square Stormwater Drainage Project* - City of Sydney and Sydney Water (NSW)
- *Groundwater Replenishment Scheme* – Water Corporation (WA)
- *Internet of Things Site Monitoring Solution* - SAGE Automation and Melbourne Water (VIC)
- *Lining of the Molonglo Valley Interceptor Sewer* – Interflow and Icon Water (ACT)
- *Sun and Salt: Logan's Water Quality Solution* – Logan City Council, Downer, Cardno and WSP (QLD)



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Student Water Prize

- *Controlling and Monitoring Algae Blooms in Effluent Storage Ponds* – Lindsay Stafford, Gladstone Regional Council (QLD)
- *Impacts of Hybrid Water Supply Systems on Water Resources and Infrastructure* - Mukta Sapkota, University of Melbourne (VIC)
- *Real-time Monitoring of Cyanobacteria: Validation of Fluorometers as a Tool for Optimising Treatment Processes* - Florence Choo, University of New South Wales (NSW)
- *Renewable Energy Reverse Osmosis Desalination in a Small Rural Village in Indonesia: Case Study* – Tom Wheeler, Murdoch University (WA)
- *The Onshore Influence of Offshore Fresh Groundwater* – Andrew Knight, Flinders University (SA)

Young Water Professional of the Year

- Kate Bowker, Senior Technical Advisor - Wastewater Recycling, Water Corporation (WA)
- Casey Furlong, Integrated Water Management Consultant, GHD (VIC)
- Alice Liao, Operations Engineer, Icon Water (ACT)
- Boris Ninkovic, Program Manager, Fulton Hogan (SA)
- Matthew Robertson, Process Engineer, TasWater (TAS)
- Dr Yulia Shutova, Professional Water Engineer, AECOM (NSW)
- William Speirs, Bid Manager – Advanced Solutions Commercial Customer Group, Queensland Urban Utilities (QLD)



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Water Professional of the Year

- Darryl Day, Managing Director, ICE WaRM (NT)
- Andrew Forster-Knight, Operational Technology Manager, South East Water (VIC)
- Richard Savage, Technical Director – Water Process and Systems, GHD (QLD)
- Nick Turner, Senior Principal of Strategic Programs, Water Corporation (WA)
- Kevin Yerrell, Operations Manager, Waternish Engineering (SA)
- Kevin Young, Managing Director, Sydney Water (NSW)

Water Industry Safety Excellence Award

- *Essendon Tanks Renewal Project*, CPB Contractors, Melbourne Water and Mattioli (VIC)
- *HQ3 Dosing Spear*, TRILITY (WA)
- *Potable Robotic Tank Cleaning Program*, Watertight Robotics (WA)
- *Production Safety Improvement Program*, Sydney Water (NSW)
- *Safe Access Over Anaerobic Reactors Covers*, Gippsland Water (VIC)



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Australian Stockholm Junior Water Prize

- *Deadly Heavy Metals Filter: Using Carbon Coated Mussel Shells and High Magnetic Field Magnet For the Filtration of Heavy Metal-Contaminated Water* - Uriah Daisybell, CAPS Coolgardie (WA)
- *Development and testing of a Film based detector system for appropriate Ultraviolet Solar Disinfection (SODIS) of Water* - Macinley Butson, The Illawarra Grammar School (NSW)
- *The efficacy of three commonly used water treatment techniques on the disinfection of Paramecium caudatum towards drinking water purification* - Maria Saito, Queensland Academy for Health Sciences (QLD)



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Best Water e-Journal Paper - In honour of Guy Parker

- *Winner announced at Ozwater'19 Gala Dinner*



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